

Converting Colors

XYZ(61.9072, 75.4329,
105.9049)

Have a look what the booklet for
XYZ(61.9072, 75.4329, 105.9049)
contains.

XYZ(62.0534, 75.7253, 105.9536)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.0534, 75.7253,
105.9536)**

Conversions

Conversions Part 1

Format	Color
Hex	99EFFF
RGB	153, 239, 255
RGB Percent	60%, 94%, 100%
CMY	0.4000, 0.0627, 0.0000
CMYK	0.40, 0.06, 0.00, 0.00
HSL	189°, 100%, 80%
HSV	189°, 40%, 100%
XYZ	62.0534, 75.7253, 105.9536
YIQ	215.1100, -56.3920, -13.2560

Conversions

Conversions Part 2

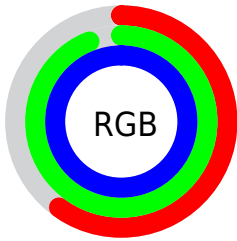
Format	Color
R_{YB}	153, 200, 255
Decimal	10088447
CIE _{Lab}	89.73, -21.98, -15.89
CIE _{LCh}	90, 27.128, 215.867
Yxy	75.7253, 0.2546, 0.3107
Android (android.graphics.Color)	4288278527 (0xFF99EFFF)
YUV	215.1100, 19.6658, -54.4705
Hunter-Lab	87.0203, -24.9987, -11.2757

Details

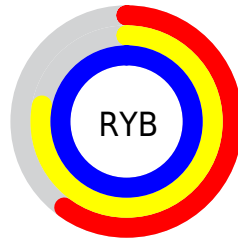
The XYZ color **62.0534, 75.7253, 105.9536** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **61.1783, 51.9363, 36.9393**, and the grayscale version is **64.5660, 67.9285, 73.9741**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **31.9504, 40.4310, 59.5461** is the 20% darker color. If you saturate the color by 10%, you get **56.5875, 71.1903, 105.3664**, and if you desaturate by 10%, it is **68.5777, 80.8479, 106.5985**.

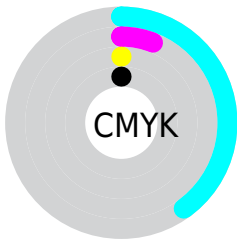
Distribution



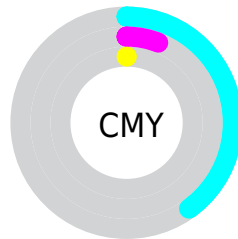
- Red (60%)
- Green (94%)
- Blue (100%)



- Red (60%)
- Yellow (78%)
- Blue (100%)



- Cyan (40%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0534, 75.7253, 105.9536 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 62.0534, 75.7253, 105.9536 by changing the saturation by 10% instead.

62.0534, 75.7253,
105.9536

62.0534, 75.7253,
105.9536

421.8403,
480.4068, 600.5254

45.3316, 56.2073,
80.6374

106.8922,
127.3385, 171.4380

31.9211, 40.3691,
59.7137

135.7399,
160.2025, 212.4432

21.4565, 27.8265,
42.7642

169.3604,
198.2840, 259.5152

13.5724, 18.1949,
29.3701

208.1188,
241.9673, 313.0725

7.9036, 11.0900,
19.1130

252.3807,
291.6368, 373.5336

4.0846, 6.1274,
11.5743

302.5113,

1.7501, 2.9227,

347.6770, 441.3171

6.3355

358.8761,
410.4722, 516.8415

■ 0.4873, 1.0915,
2.9781

■ 0.0000, 0.0000,
1.0835

■ 62.0534, 75.7253,
105.9536

■ 62.0534, 75.7253,
105.9536

■ 56.5875, 71.1903,
105.3664

■ 68.5777, 80.8479,
106.5985

■ 52.1075, 67.2001,
104.8323

■ 76.2146, 86.5810,
107.3026

■ 48.5416, 63.7190,
104.3483

■ 85.0221, 92.9565,
108.0690

■ 45.8051, 60.7032,
103.9105

95.0500, 100.0000,
108.9000

■ 43.7971, 58.1005,
103.5139

■ 42.3528, 55.8255,
103.1509

■ 42.3526, 55.8251,
103.1509

Harmonies

Analogous

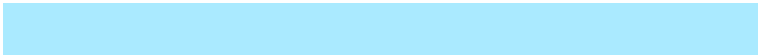
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.9314, 75.7253, 86.2720



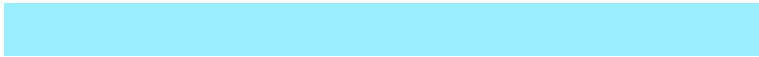
62.0534, 75.7253, 105.9536



66.8466, 75.7253, 120.8123

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.0534, 75.7253, 105.9536



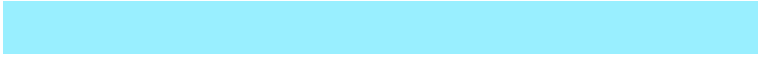
84.3527, 75.7253, 98.4359



70.6688, 75.7253, 50.9885

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62.0534, 75.7253, 105.9536



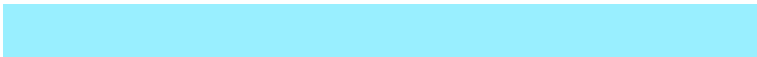
61.1783, 51.9363, 36.9393

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3585, 75.7253, 53.2155



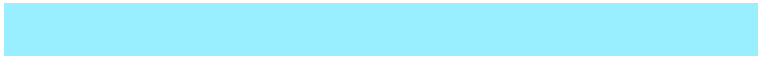
62.0534, 75.7253, 105.9536



85.5320, 75.7253, 78.7464

Square

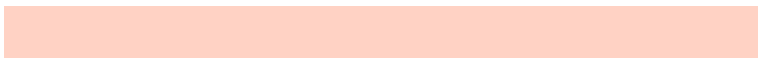
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.0534, 75.7253, 105.9536



79.7707, 75.7253, 116.0232



82.9007, 75.7253, 62.7111



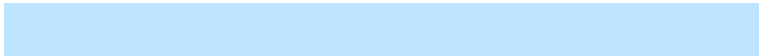
64.7038, 75.7253, 56.0752

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.0534, 75.7253, 105.9536



71.0522, 75.7253, 124.8841



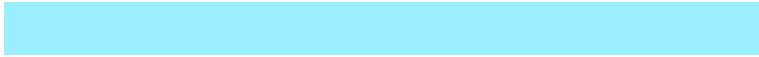
82.9007, 75.7253, 62.7111



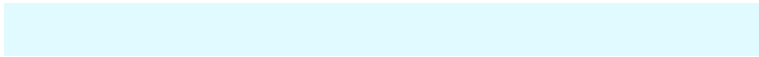
72.9050, 75.7253, 50.9181

Sweetspot

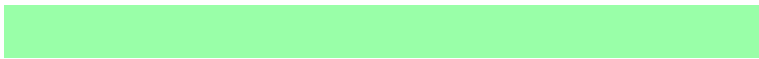
The Sweet Spot groups the original color and five complimentary colors.



62.0555, 75.7282, 105.9541



83.1627, 91.6275, 107.9105



55.9940, 81.1313, 49.9032



17.5462, 19.4295, 23.0754



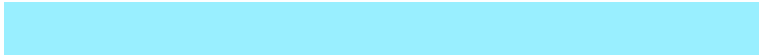
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.0555, 75.7282, 105.9541



57.5989, 72.0521, 105.4794



49.3216, 50.2603, 101.7094



18.2980, 19.9675, 23.1397



22.2212, 29.3520, 53.9289



2.2260, 2.9826, 5.2717

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



68.2126, 50.2763, 87.7736



64.6847, 43.9705, 84.2855



72.4005, 74.3806, 40.6800



18.6630, 18.2485, 22.1087



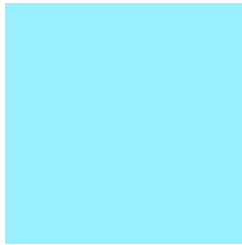
28.0044, 13.6911, 35.0034



2.7582, 1.3456, 3.5739

Previews

White Background



This preview shows how the XYZ color 62.0534, 75.7253, 105.9536 looks on a white background.

Color Contrast Check

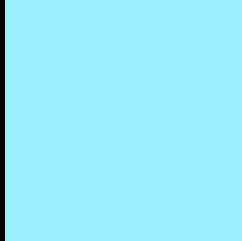
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 62.0534, 75.7253, 105.9536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.0534, 75.7253, 105.9536

Background



This preview shows how black text looks on a background with the XYZ color 62.0534, 75.7253, 105.9536.



This preview shows how white text looks on a background with the XYZ color 62.0534, 75.7253,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

62.0534, 75.7253, 105.9536

Protanopia

73.3005, 75.0559, 97.0101

Deuteranopia

75.9563, 75.0644, 105.0933



Tritanopia

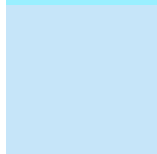
63.2345, 75.4698, 105.8421

Trichromacy



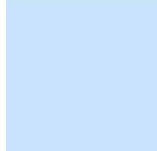
Original Color

62.0534, 75.7253, 105.9536



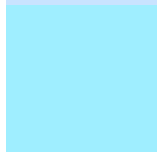
Protanomaly

68.4069, 74.8839, 100.4711



Deuteranomaly

69.6065, 74.5757, 105.3336



Tritanomaly

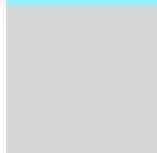
62.9226, 75.7400, 105.9107

Monochromacy



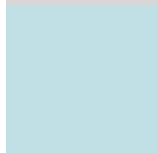
Original Color

62.0534, 75.7253, 105.9536



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.6768, 70.2309, 85.1154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0534, 75.7253, 105.9536 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(153, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 239, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(153, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 239, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.0534, 75.7253, 105.9536 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 239, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(153, 239, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(153, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 239,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0534, 75.7253, 105.9536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 239, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(153,  
239, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor