

Converting Colors

XYZ(79.7960, 84.3772,
209.0942)

Have a look what the booklet for
XYZ(79.7960, 84.3772, 209.0942)
contains.

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Color

**XYZ(60.2539, 76.5554,
106.2087)**

Conversions

Conversions Part 1

Format	Color
Hex	88F3FF
RGB	136, 243, 255
RGB Percent	53%, 95%, 100%
CMY	0.4666, 0.0470, 0.0000
CMYK	0.47, 0.05, 0.00, 0.00
HSL	186°, 100%, 77%
HSV	186°, 47%, 100%
XYZ	60.2539, 76.5554, 106.2087
YIQ	212.3750, -67.6240, -18.9520

Conversions

Conversions Part 2

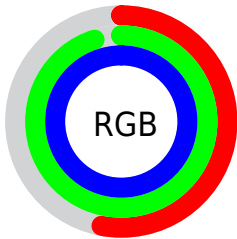
Format	Color
RYB	136, 192, 255
Decimal	8975359
CIELab	90.12, -27.88, -15.39
CIElCh	90, 31.843, 208.901
Yxy	76.5554, 0.2479, 0.3150
Android (android.graphics.Color)	4287165439 (0xFF88F3FF)
YUV	212.3750, 21.0141, -66.9809
Hunter-Lab	87.4959, -30.1942, -10.7232

Details

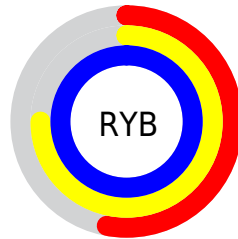
The XYZ color **60.2539, 76.5554, 106.2087** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.2744, 44.2179, 28.8634**, and the grayscale version is **62.7274, 65.9941, 71.8676**.

A 20% lighter version of the original color is **76.3157, 90.3421, 108.0232**, and **30.8650, 41.1137, 59.7351** is the 20% darker color. If you saturate the color by 10%, you get **55.8313, 73.1431, 105.7832**, and if you desaturate by 10%, it is **65.6765, 80.5027, 106.6848**.

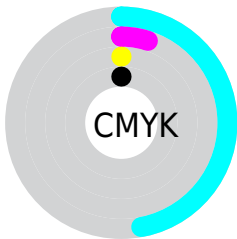
Distribution



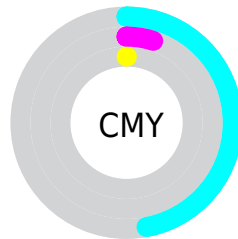
- Red (53%)
- Green (95%)
- Blue (100%)



- Red (53%)
- Yellow (75%)
- Blue (100%)



- Cyan (47%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2539, 76.5554, 106.2087 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 60.2539, 76.5554, 106.2087 by changing the saturation by 10% instead.

60.2539, 76.5554,
106.2087

60.2539, 76.5554,
106.2087

415.3528,
483.2468, 601.3361

43.8736, 56.8880,
80.8500

104.3021,
128.5117, 171.7895

30.7686, 40.9154,
59.8878

132.7008,
161.5694, 212.8488

20.5737, 28.2530,
42.9035

165.8362,
199.8594, 259.9787

12.9234, 18.5164,
29.4786

204.0738,
243.7660, 313.5977

7.4525, 11.3214,
19.1945

247.7788,
293.6737, 374.1244

3.7955, 6.2834,
11.6326

297.3168,

1.5871, 3.0182,

349.9668, 441.9773

6.3746

353.0530,
413.0297, 517.5750

■ 0.3840, 1.1412,
3.0017

■ 0.0000, 0.0129,
1.0955

■ 60.2539, 76.5554,
106.2087

■ 60.2539, 76.5554,
106.2087

■ 55.8313, 73.1431,
105.7832

■ 65.6765, 80.5027,
106.6848

■ 52.3313, 70.2206,
105.4035

■ 72.1569, 85.0097,
107.2132

■ 49.6757, 67.7493,
105.0665

■ 79.7558, 90.1093,
107.7970

■ 47.7699, 65.6803,
104.7676

■ 88.5275, 95.8298,
108.4388

■ 46.4952, 63.9524, 95.0500, 100.0000,
104.5012 108.9000

■ 46.1505, 63.4210,
104.4168

Harmonies

Analogous

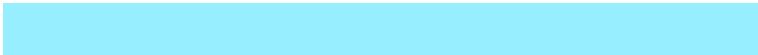
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.6027, 76.5554, 82.5237



60.2539, 76.5554, 106.2087



65.1931, 76.5554, 126.4525

Triad

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



60.2539, 76.5554, 106.2087



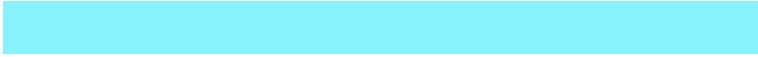
86.5673, 76.5554, 107.9174



73.0555, 76.5554, 46.9743

Complementary

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



60.2539, 76.5554, 106.2087



56.2744, 44.2179, 28.8634

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.



80.8987, 76.5554, 51.3668



60.2539, 76.5554, 106.2087



89.0396, 76.5554, 84.1935

Square

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



60.2539, 76.5554, 106.2087



80.3580, 76.5554, 127.5580



86.8950, 76.5554, 64.0414



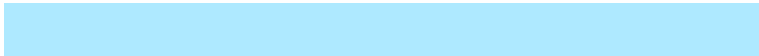
65.6635, 76.5554, 50.7645

Rectangle

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



60.2539, 76.5554, 106.2087



69.8771, 76.5554, 133.7732



86.8950, 76.5554, 64.0414



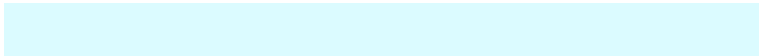
75.7285, 76.5554, 47.5264

Sweetspot

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



60.2560, 76.5582, 106.2091



81.9764, 91.5718, 107.9623



51.2519, 78.8898, 40.5034



17.1601, 19.3459, 23.0797



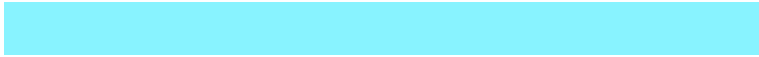
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



60.2560, 76.5582, 106.2091



56.0958, 73.3544, 105.8100



45.2623, 46.5710, 101.2113



18.3892, 20.1500, 23.1701



24.1783, 33.2662, 54.5813



2.3975, 3.3256, 5.3288

Inverse Universe

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



66.2232, 45.3411, 90.0585



62.8744, 39.2198, 87.1657



68.0947, 67.8584, 32.8035



18.7091, 18.2669, 22.3512



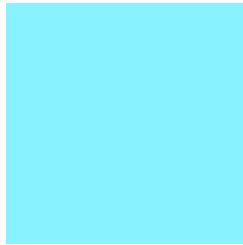
28.9923, 14.0862, 40.2054



2.8447, 1.3803, 4.0298

Previews

White Background



This preview shows how the XYZ color 60.2539, 76.5554, 106.2087 looks on a white background.

Color Contrast Check

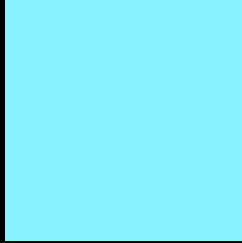
Large Text (above 18pt) WCAG AA × Fail

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 60.2539, 76.5554, 106.2087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

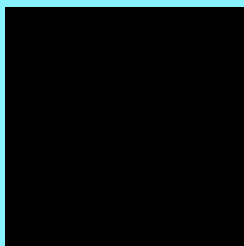
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

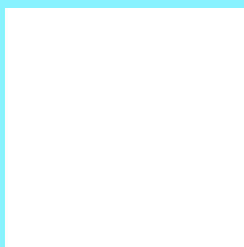
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.2539, 76.5554, 106.2087

Background



This preview shows how black text looks on a background with the XYZ color 60.2539, 76.5554, 106.2087.

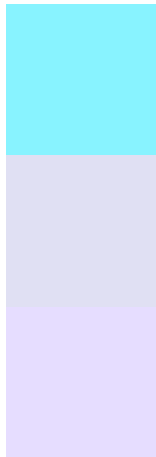


This preview shows how white text looks on a background with the XYZ color 60.2539, 76.5554,

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

60.2539, 76.5554, 106.2087

Protanopia

73.5738, 75.6297, 95.5143

Deuteranopia

76.5396, 75.7559, 105.1960



Tritanopia

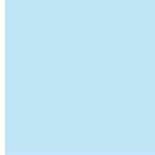
63.4137, 76.4266, 106.0173

Trichromacy



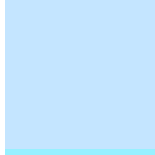
Original Color

60.2539, 76.5554, 106.2087



Protanomaly

67.1026, 75.0737, 98.9497



Deuteranomaly

68.8343, 74.9944, 105.4552



Tritanomaly

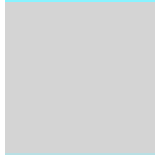
61.9726, 76.1195, 106.0340

Monochromacy



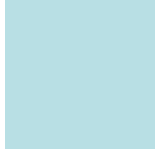
Original Color

60.2539, 76.5554, 106.2087



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

60.1584, 68.5671, 83.4629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2539, 76.5554, 106.2087 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(136, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(136, 243, 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(136, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.2539, 76.5554, 106.2087 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(136, 243, 255) }
```


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

```
.border{ border-color:rgb(136, 243, 255) }
```

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

Here you see how a box with a 4 pixel rgb(136, 243, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(136, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2539, 76.5554, 106.2087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 243, 255) }
```

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

```
.background{ background-color: rgb(136,  
243, 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](#).

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