

Converting Colors

XYZ(52.3716, 69.0105,
105.1678)

Have a look what the booklet for
XYZ(52.3716, 69.0105, 105.1678)
contains.

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Color

**XYZ(52.3744, 69.0163,
105.1688)**

Conversions

Conversions Part 1

Format	Color
Hex	5EEBFF
RGB	94, 235, 255
RGB Percent	37%, 92%, 100%
CMY	0.6313, 0.0784, 0.0000
CMYK	0.63, 0.08, 0.00, 0.00
HSL	187°, 100%, 68%
HSV	187°, 63%, 100%
XYZ	52.3744, 69.0163, 105.1688
YIQ	195.1210, -90.4560, -23.6720

Conversions

Conversions Part 2

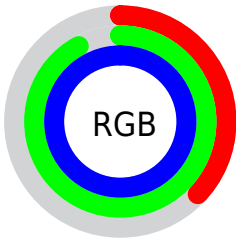
Format	Color
RYB	94, 169, 255
Decimal	6220799
CIELab	86.51, -31.94, -20.95
CIELCh	87, 38.204, 213.263
Yxy	69.0163, 0.2312, 0.3046
Android (android.graphics.Color)	4284410879 (0xFF5EEBFF)
YUV	195.1210, 29.5203, -88.6831
Hunter-Lab	83.0760, -32.8497, -16.9040

Details

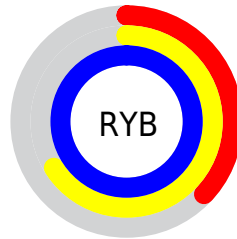
The XYZ color **52.3744, 69.0163, 105.1688** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **49.2787, 34.1042, 14.5773**, and the grayscale version is **51.8144, 54.5127, 59.3644**.

A 20% lighter version of the original color is **68.1081, 86.1109, 107.6391**, and **26.3131, 36.3174, 59.0492** is the 20% darker color. If you saturate the color by 10%, you get **49.2800, 66.0883, 104.7667**, and if you desaturate by 10%, it is **56.3521, 72.4266, 105.6174**.

Distribution



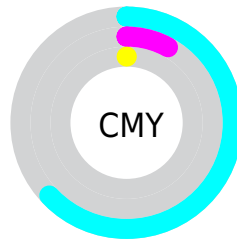
- Red (37%)
- Green (92%)
- Blue (100%)



- Red (37%)
- Yellow (66%)
- Blue (100%)



- Cyan (63%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3744, 69.0163, 105.1688 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 52.3744, 69.0163, 105.1688 by changing the saturation by 10% instead.

52.3744, 69.0163,
105.1688

52.3744, 69.0163,
105.1688

386.1806,
457.0885, 598.0279

37.5291, 50.7250,
79.9833

92.8541, 117.8049,
170.3559

25.7929, 35.9898,
59.1786

119.2192,
149.0709, 211.1947

16.8007, 24.4263,
42.3359

150.1550,
185.4306, 258.0883

10.1869, 15.6502,
29.0369

186.0267,
227.2684, 311.4553

5.5863, 9.2769,
18.8629

227.1998,
274.9687, 371.7142

2.6334, 4.9223,
11.3954

274.0395,

0.9630, 2.2017,

328.9159, 439.2836

6.2160

326.9113,
389.4943, 514.5820

■ 0.0000, 0.7209,
2.9059

■ 0.0000, 0.0000,
1.0468

■ 52.3744, 69.0163,
105.1688

■ 52.3744, 69.0163,
105.1688

■ 49.2800, 66.0883,
104.7667

■ 56.3521, 72.4266,
105.6174

■ 46.9744, 63.5893,
104.4059

■ 61.2841, 76.3515,
106.1150

■ 45.3513, 61.4659,
104.0816

■ 67.2408, 80.8288,
106.6653

■ 44.5250, 60.1701,
103.8750

■ 74.2841, 85.8907,
107.2711

■ 82.4712, 91.5667,
107.9352

■ 91.8551, 97.8841,
108.6600

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



50.0346, 69.0163, 77.9552



52.3744, 69.0163, 105.1688



58.2369, 69.0163, 127.6087

Triad

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



52.3744, 69.0163, 105.1688



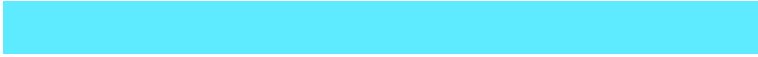
81.9974, 69.0163, 99.2712



64.6341, 69.0163, 36.2399

Complementary

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



52.3744, 69.0163, 105.1688



49.2787, 34.1042, 14.5773

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.



73.5545, 69.0163, 39.4877



52.3744, 69.0163, 105.1688



84.0940, 69.0163, 72.4071

Square

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



52.3744, 69.0163, 105.1688



75.3801, 69.0163, 123.7010



80.8786, 69.0163, 51.4628



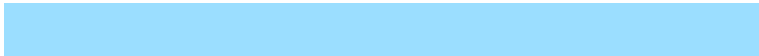
56.7009, 69.0163, 41.3218

Rectangle

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



52.3744, 69.0163, 105.1688



63.6221, 69.0163, 134.6720



80.8786, 69.0163, 51.4628



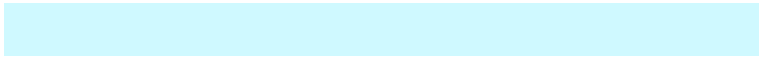
67.6142, 69.0163, 36.3984

Sweetspot

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



52.3763, 69.0188, 105.1692



77.5267, 88.1609, 107.5384



43.3459, 75.0877, 27.7700



16.1092, 18.5314, 22.9778



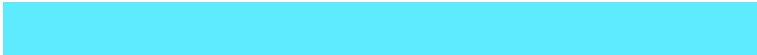
0.0000, 0.0000, 0.0000



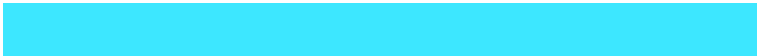
20.3446, 21.4041, 23.3091

Same Dimension

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



52.3763, 69.0188, 105.1692



48.5426, 65.3301, 104.6593



34.5089, 33.2839, 99.2134



18.3510, 20.0736, 23.1573



23.3411, 31.5918, 54.3022



2.3243, 3.1794, 5.3044

Inverse Universe

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



60.2394, 35.2653, 82.2318



57.3331, 30.3843, 78.3912



62.3942, 60.3352, 18.9491



18.6898, 18.2592, 22.2497



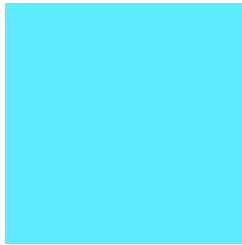
28.5697, 13.9172, 37.9801



2.8078, 1.3655, 3.8354

Previews

White Background



This preview shows how the XYZ color 52.3744, 69.0163, 105.1688 looks on a white background.

Color Contrast Check

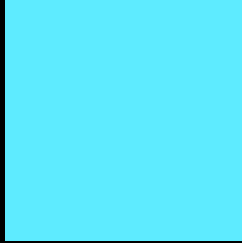
Large Text (above 18pt) WCAG AA × Fail

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 52.3744, 69.0163, 105.1688 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 52.3744, 69.0163, 105.1688

Background



This preview shows how black text looks on a background with the XYZ color 52.3744, 69.0163, 105.1688.

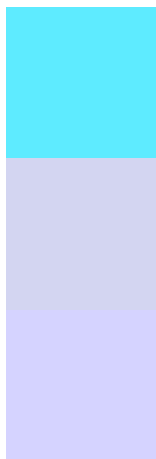


This preview shows how white text looks on a background with the XYZ color 52.3744, 69.0163,

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

52.3744, 69.0163, 105.1688

Protanopia

66.5354, 67.7883, 92.7967

Deuteranopia

68.7848, 67.9547, 104.0990



Tritanopia

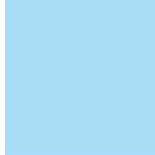
52.2138, 68.9521, 104.3231

Trichromacy



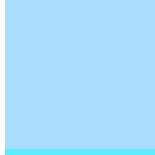
Original Color

52.3744, 69.0163, 105.1688



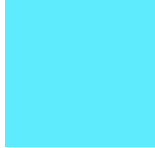
Protanomaly

58.6395, 66.6916, 96.9709



Deuteranomaly

60.2208, 66.9524, 104.3569



Tritanomaly

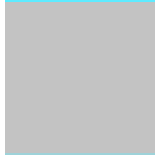
52.2138, 68.9521, 104.3231

Monochromacy



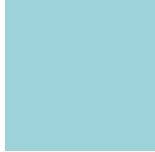
Original Color

52.3744, 69.0163, 105.1688



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

49.6715, 58.3720, 74.2946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3744, 69.0163, 105.1688 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(94, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(94, 235, 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(94, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 235, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.3744, 69.0163, 105.1688 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(94, 235, 255) }
```


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

```
.border{ border-color:rgb(94, 235, 255) }
```

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

Here you see how a box with a 4 pixel rgb(94, 235, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(94, 235,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3744, 69.0163, 105.1688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 235, 255) }
```

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

```
.background{ background-color: rgb(94, 235,  
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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