

Converting Colors

XYZ(52.3811, 63.0745, 96.6026)

Have a look what the booklet for
XYZ(52.3811, 63.0745, 96.6026)
contains.

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Color

**XYZ(52.3811, 63.0745,
96.6026)**

Conversions

Conversions Part 1

Format	Color
Hex	88DCF6
RGB	136, 220, 246
RGB Percent	53%, 86%, 96%
CMY	0.4666, 0.1372, 0.0353
CMYK	0.45, 0.11, 0.00, 0.04
HSL	194°, 86%, 75%
HSV	194°, 45%, 96%
XYZ	52.3811, 63.0745, 96.6026
YIQ	197.8480, -58.4100, -9.7220

Conversions

Conversions Part 2

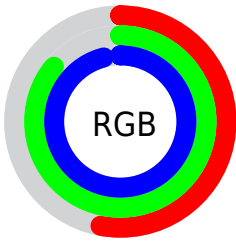
Format	Color
RYB	136, 184, 246
Decimal	8969462
CIELab	83.48, -18.86, -20.66
CIELCh	83, 27.976, 227.600
Yxy	63.0745, 0.2470, 0.2974
Android (android.graphics.Color)	4287159542 (0xFF88DCF6)
YUV	197.8480, 23.7389, -54.2407
Hunter-Lab	79.4195, -21.2544, -16.5243

Details

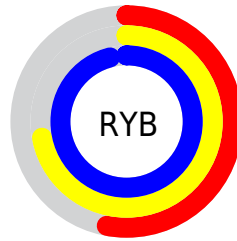
The XYZ color **52.3811, 63.0745, 96.6026** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **55.3716, 47.2123, 29.4888**, and the grayscale version is **53.4718, 56.2565, 61.2633**.

A 20% lighter version of the original color is **76.0581, 90.2093, 108.0112**, and **25.8913, 32.2477, 53.5750** is the 20% darker color. If you saturate the color by 10%, you get **47.3359, 58.2489, 95.9382**, and if you desaturate by 10%, it is **58.4001, 68.4838, 97.3306**.

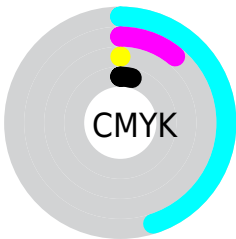
Distribution



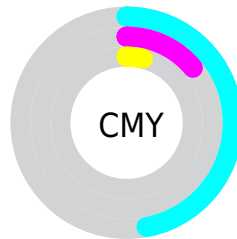
- Red (53%)
- Green (86%)
- Blue (96%)



- Red (53%)
- Yellow (72%)
- Blue (96%)



- Cyan (45%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (47%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3811, 63.0745, 96.6026 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 52.3811, 63.0745, 96.6026 by changing the saturation by 10% instead.

■ 52.3811, 63.0745,
96.6026

■ 52.3811, 63.0745,
96.6026

386.2059,
435.8398, 570.3978

■ 37.5344, 45.9015,
72.8653

■ 92.8639, 109.2770,
158.4914

■ 25.7971, 32.1681,
53.3747

■ 119.2308,
139.0752, 197.4799

■ 16.8038, 21.4899,
37.7122

■ 150.1685,
173.8507, 242.3893

■ 10.1891, 13.4826,
25.4593

186.0423,
213.9878, 293.6381

■ 5.5878, 7.7617,
16.1974

227.2176,
259.8708, 351.6448

■ 2.6343, 3.9428,
9.5081

274.0597,

■ 0.9635, 1.6416,

311.8842, 416.8280

4.9727

326.9340,
370.4124, 489.6061

■ 0.0000, 0.3854,
2.1728

■ 0.0000, 0.0000,
0.6586

■ 52.3811, 63.0745,
96.6026

■ 52.3811, 63.0745,
96.6026

■ 47.3359, 58.2489,
95.9382

■ 58.4001, 68.4838,
97.3306

■ 43.1945, 53.9657,
95.3297

■ 65.4451, 74.5001,
98.1205

■ 39.8866, 50.1895,
94.7752

■ 73.5713, 81.1542,
98.9766

■ 37.3284, 46.8761,
94.2705

■ 82.8284, 88.4723,
99.9013

■ 35.4169, 43.9717,
93.8106

■ 91.7736, 95.7116,
100.8271

■ 34.5879, 42.5602,
93.5819

■ 93.5994, 99.3632,
101.4357

■ 93.6348, 99.4339,
101.4475

Harmonies

Analogous

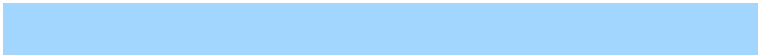
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.4468, 63.0745, 79.3481



52.3811, 63.0745, 96.6026



57.4658, 63.0745, 107.0051

Triad

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



52.3811, 63.0745, 96.6026



72.1565, 63.0745, 76.1494



56.4719, 63.0745, 41.3671

Complementary

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



52.3811, 63.0745, 96.6026



55.3716, 47.2123, 29.4888

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.



62.5056, 63.0745, 40.8068



52.3811, 63.0745, 96.6026



71.8452, 63.0745, 59.0090

Square

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



52.3811, 63.0745, 96.6026



69.0397, 63.0745, 93.9213



68.2159, 63.0745, 46.7303



51.6961, 63.0745, 48.4181

Rectangle

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



52.3811, 63.0745, 96.6026



61.5158, 63.0745, 107.6633



68.2159, 63.0745, 46.7303



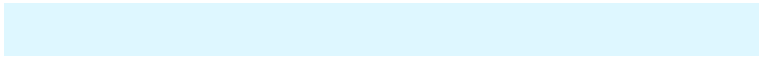
58.4119, 63.0745, 40.4624

Sweetspot

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



52.3831, 63.0769, 96.6041



81.4395, 89.3484, 107.5614



49.6027, 73.7440, 45.6488



16.9820, 18.7637, 22.9766



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.



52.3831, 63.0769, 96.6041



51.6687, 63.5071, 104.1426



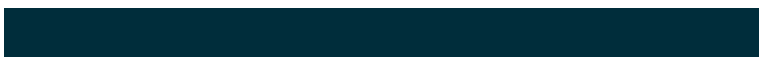
40.3049, 38.9206, 92.5780



16.6454, 18.0550, 21.1502



18.5747, 22.9433, 49.9875



1.7107, 2.1728, 4.4195

Inverse Universe

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



59.7301, 42.3703, 72.7429



60.8822, 39.3509, 73.8138



67.1784, 70.8260, 33.4244



17.0363, 16.6974, 19.9379



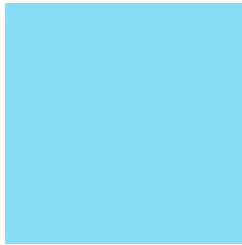
25.1802, 12.4155, 26.7210



2.2525, 1.1070, 2.5562

Previews

White Background



This preview shows how the XYZ color 52.3811, 63.0745, 96.6026 looks on a white background.

Color Contrast Check

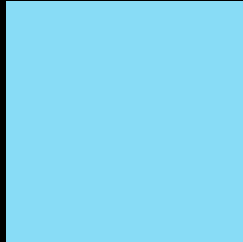
Large Text (above 18pt) WCAG AA × Fail

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 52.3811, 63.0745, 96.6026 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 52.3811, 63.0745, 96.6026

Background



This preview shows how black text looks on a background with the XYZ color 52.3811, 63.0745, 96.6026.



This preview shows how white text looks on a background with the XYZ color 52.3811, 63.0745,

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

52.3811, 63.0745, 96.6026

Protanopia

61.3288, 62.2753, 88.1448

Deuteranopia

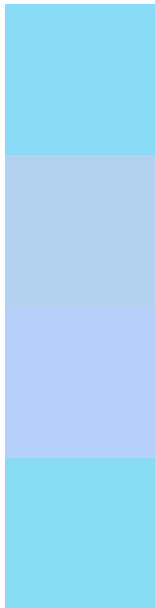
63.8294, 62.2650, 99.0967



Tritanopia

51.2680, 63.0132, 91.1220

Trichromacy



Original Color

52.3811, 63.0745, 96.6026

Protanomaly

57.1349, 61.8494, 91.3649

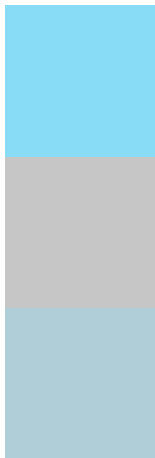
Deuteranomaly

58.9554, 62.2642, 98.5334

Tritanomaly

51.8751, 63.2746, 93.4835

Monochromacy



Original Color

52.3811, 63.0745, 96.6026

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.0162, 58.1629, 72.7750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3811, 63.0745, 96.6026 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, 220, 246)` looks like.

```
.text, #text, p{  
    color:rgb(136, 220, 246)  
}
```

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, 220, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 220, 246) }
```

Border

The CSS property to change the border of an element to XYZ 52.3811, 63.0745, 96.6026 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, 220, 246) }
```


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

```
.border{ border-color:rgb(136, 220, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 220, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 220, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 220, 246); box-shadow:4px 4px 4px 4px rgb(136, 220, 246) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3811, 63.0745, 96.6026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 220, 246) }
```

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

```
.background{ background-color: rgb(136,  
220, 246) }
```

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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