

Converting Colors

XYZ(44.5166, 51.5847, 91.8127)

Have a look what the booklet for
XYZ(44.5166, 51.5847, 91.8127)
contains.

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Color

**XYZ(44.5664, 51.7843,
91.6509)**

Conversions

Conversions Part 1

Format	Color
Hex	79C8F2
RGB	121, 200, 242
RGB Percent	47%, 78%, 95%
CMY	0.5255, 0.2157, 0.0510
CMYK	0.50, 0.17, 0.00, 0.05
HSL	201°, 82%, 71%
HSV	201°, 50%, 95%
XYZ	44.5664, 51.7843, 91.6509
YIQ	181.1670, -60.5660, -3.6860

Conversions

Conversions Part 2

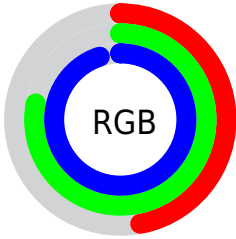
Format	Color
R _Y B	121, 169, 242
Decimal	7981298
CIE Lab	77.15, -13.07, -28.23
CIE LCh	77, 31.112, 245.152
Yxy	51.7843, 0.2371, 0.2754
Android (android.graphics.Color)	4286171378 (0xFF79C8F2)
YUV	181.1670, 29.9907, -52.7665
Hunter-Lab	71.9613, -15.3854, -25.1396

Details

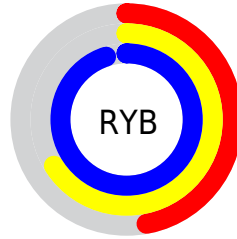
The XYZ color **44.5664, 51.7843, 91.6509** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **53.1676, 46.4536, 24.2550**, and the grayscale version is **43.8791, 46.1642, 50.2729**.

A 20% lighter version of the original color is **72.4004, 88.3237, 107.8400**, and **21.0053, 25.0636, 50.1850** is the 20% darker color. If you saturate the color by 10%, you get **39.6989, 46.4669, 90.8820**, and if you desaturate by 10%, it is **50.3947, 57.7579, 92.4977**.

Distribution



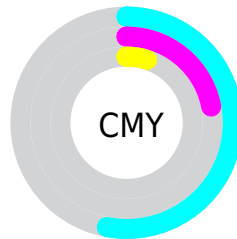
- Red (47%)
- Green (78%)
- Blue (95%)



- Red (47%)
- Yellow (66%)
- Blue (95%)



- Cyan (50%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (53%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5664, 51.7843, 91.6509 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 44.5664, 51.7843, 91.6509 by changing the saturation by 10% instead.

■ 44.5664, 51.7843,
91.6509

■ 44.5664, 51.7843,
91.6509

355.8279,
393.6033, 554.0947

■ 31.3159, 36.8332,
68.7693

■ 81.3104, 92.8131,
151.5849

■ 20.9925, 25.0783,
50.0533

■ 105.5347,
119.6595, 189.4745

■ 13.2309, 16.1354,
35.0842

■ 134.1475,
151.2398, 233.2037

■ 7.6659, 9.6200,
23.4437

167.5142,
187.9383, 283.1912

■ 3.9319, 5.1478,
14.7131

206.0003,
230.1396, 339.8556

■ 1.6637, 2.3342,
8.4739

249.9710,

■ 0.4334, 0.7917,

278.2279, 403.6152

4.3076

299.7918,
332.5877, 474.8888

■ 0.0000, 0.0000,
1.7955

■ 0.0000, 0.0000,
0.4250

■ 44.5664, 51.7843,
91.6509

■ 44.5664, 51.7843,
91.6509

■ 39.6989, 46.4669,
90.8820

■ 50.3947, 57.7579,
92.4977

■ 35.7205, 41.7629,
90.1838

■ 57.2386, 64.4150,
93.4219

■ 32.5570, 37.6326,
89.5533

■ 65.1543, 71.7883,
94.4279

■ 30.1185, 34.0270,
88.9858

■ 74.1924, 79.9061,
95.5185

■ 28.2547, 30.8659,
88.4739

■ 84.4001, 88.7951,
96.6962

■ 28.2544, 30.8653,
88.4738

■ 91.5781, 96.2927,
97.7650

■ 93.0272, 99.1909,
98.2481

Harmonies

Analogous

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



40.4448, 51.7843, 77.4321



44.5664, 51.7843, 91.6509



50.2539, 51.7843, 95.7204

Triad

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



44.5664, 51.7843, 91.6509



61.5166, 51.7843, 53.4929



42.9216, 51.7843, 33.6122

Complementary

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



44.5664, 51.7843, 91.6509



53.1676, 46.4536, 24.2550

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.



48.1992, 51.7843, 29.6408



44.5664, 51.7843, 91.6509



59.1794, 51.7843, 39.5446

Square

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



44.5664, 51.7843, 91.6509



60.3487, 51.7843, 71.3050



54.1855, 51.7843, 31.5709



39.5501, 51.7843, 43.7054

Rectangle

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



44.5664, 51.7843, 91.6509



54.2441, 51.7843, 91.5496



54.1855, 51.7843, 31.5709



44.5150, 51.7843, 31.6207

Sweetspot

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



44.5681, 51.7862, 91.6521



78.2609, 85.2731, 106.9423



46.1012, 70.1554, 44.9859



16.2970, 17.8426, 22.8350



0.0000, 0.0000, 0.0000



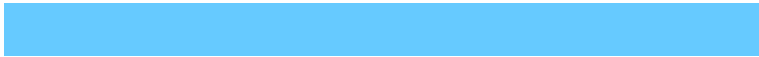
20.3446, 21.4041, 23.3091

Same Dimension

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



44.5681, 51.7862, 91.6521



44.6250, 52.2358, 102.3383



33.4632, 29.5765, 87.9505



15.7587, 16.9515, 20.1630



15.3109, 16.8461, 47.5725



1.3663, 1.5866, 3.9884

Inverse Universe

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



53.8821, 36.7237, 58.8940



56.6394, 35.0220, 59.5856



66.1474, 72.4131, 28.5816



16.2077, 15.9328, 18.6497



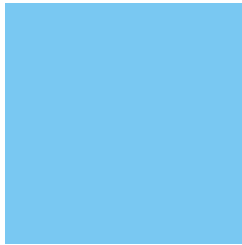
23.0539, 11.4940, 18.7321



1.9646, 0.9749, 1.8044

Previews

White Background



This preview shows how the XYZ color 44.5664, 51.7843, 91.6509 looks on a white background.

Color Contrast Check

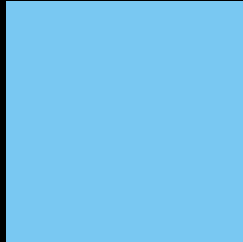
Large Text (above 18pt) WCAG AA × Fail

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 44.5664, 51.7843, 91.6509 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 44.5664, 51.7843, 91.6509

Background



This preview shows how black text looks on a background with the XYZ color 44.5664, 51.7843, 91.6509.



This preview shows how white text looks on a background with the XYZ color 44.5664, 51.7843,

91.6509.

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

44.5664, 51.7843, 91.6509

Protanopia

51.2816, 51.4333, 84.3156

Deuteranopia

52.4004, 51.1754, 93.5022



Tritanopia

41.4506, 51.9304, 75.5490

Trichromacy



Original Color

44.5664, 51.7843, 91.6509

Protanomaly

48.0905, 51.0245, 86.6710

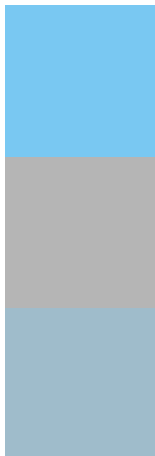
Deuteranomaly

48.8646, 50.9614, 92.8490

Tritanomaly

42.6956, 52.0952, 81.2039

Monochromacy



Original Color

44.5664, 51.7843, 91.6509

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.0608, 47.6492, 63.4276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5664, 51.7843, 91.6509 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(121, 200, 242)` looks like.

```
.text, #text, p{  
    color:rgb(121, 200, 242)  
}
```

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(121, 200, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 200, 242) }
```

Border

The CSS property to change the border of an element to XYZ 44.5664, 51.7843, 91.6509 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(121, 200, 242) }
```


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

```
.border{ border-color:rgb(121, 200, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 200, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 200, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 200, 242); box-shadow:4px 4px 4px 4px rgb(121, 200, 242) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5664, 51.7843, 91.6509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 200, 242) }
```

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

```
.background{ background-color: rgb(121,  
200, 242) }
```

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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