

Converting Colors

XYZ(45.3823, 54.8988, 79.7160)

Have a look what the booklet for
XYZ(45.3823, 54.8988, 79.7160)
contains.

XYZ(45.4192, 54.9674, 79.4501)	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(45.4192, 54.9674,
79.4501)**

Conversions

Conversions Part 1

Format	Color
Hex	84CFE1
RGB	132, 207, 225
RGB Percent	52%, 81%, 88%
CMY	0.4823, 0.1882, 0.1176
CMYK	0.41, 0.08, 0.00, 0.12
HSL	192°, 61%, 70%
HSV	192°, 41%, 88%
XYZ	45.4192, 54.9674, 79.4501
YIQ	186.6270, -50.4780, -10.3020

Conversions

Conversions Part 2

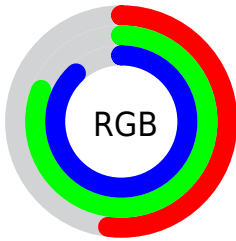
Format	Color
RYB	132, 174, 225
Decimal	8703969
CIELab	79.02, -18.68, -16.22
CIElCh	79, 24.739, 220.983
Yxy	54.9674, 0.2526, 0.3057
Android (android.graphics.Color)	4286894049 (0xFF84CFE1)
YUV	186.6270, 18.9179, -47.9079
Hunter-Lab	74.1400, -20.3934, -11.6385

Details

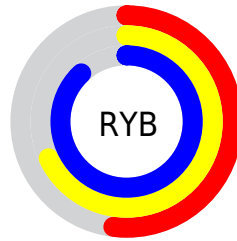
The XYZ color **45.4192, 54.9674, 79.4501** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.1237, 39.4873, 27.0223**, and the grayscale version is **46.9428, 49.3875, 53.7829**.

A 20% lighter version of the original color is **74.7963, 89.5588, 107.9521**, and **21.6274, 27.2212, 42.1446** is the 20% darker color. If you saturate the color by 10%, you get **41.2328, 51.2658, 78.9572**, and if you desaturate by 10%, it is **50.3968, 59.1226, 79.9907**.

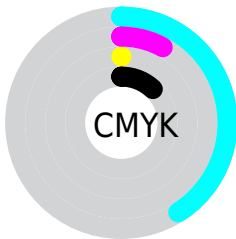
Distribution



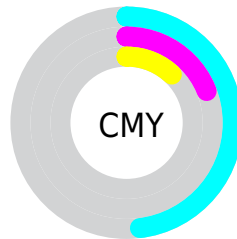
- Red (52%)
- Green (81%)
- Blue (88%)



- Red (52%)
- Yellow (68%)
- Blue (88%)



- Cyan (41%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (48%)
- Magenta (19%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.4192, 54.9674, 79.4501 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 45.4192, 54.9674, 79.4501 by changing the saturation by 10% instead.

45.4192, 54.9674,
79.4501

45.4192, 54.9674,
79.4501

359.2239,
405.7883, 512.7355

31.9904, 39.3756,
58.7424

82.5823, 97.4932,
134.3967

21.5097, 27.0521,
41.9872

107.0474,
125.1960, 169.4728

13.6117, 17.6123,
28.7658

135.9219,
157.7046, 210.1754

7.9310, 10.6720,
18.6596

169.5712,
195.4034, 256.9231

4.1022, 5.8467,
11.2503

208.3607,
238.6768, 310.1344

1.7601, 2.7521,
6.1192

252.6558,

0.4935, 1.0037,

287.9091, 370.2279

2.8477

302.8217,
343.4848, 437.6221

■ 0.0000, 0.0000,
1.0174

■ 0.0000, 0.0000,
0.0000

■ 45.4192, 54.9674,
79.4501

■ 45.4192, 54.9674,
79.4501

■ 41.2328, 51.2658,
78.9572

■ 50.3968, 59.1226,
79.9907

■ 37.7831, 47.9857,
78.5059

■ 56.2056, 63.7485,
80.5775

■ 35.0165, 45.1001,
78.0948

■ 62.8890, 68.8692,
81.2136

■ 32.8696, 42.5762,
77.7208

■ 70.4857, 74.5049,
81.9010

■ 31.2666, 40.3745,
77.3803

■ 79.0320, 80.6747,
82.6415

■ 30.2076, 38.6699,
77.1071

■ 84.0067, 85.0481,
83.2234

■ 85.2556, 87.5460,
83.6397

■ 86.5352, 90.1051,
84.0663

■ 87.8456, 92.7260,
84.5031

Harmonies

Analogous

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



43.4916, 54.9674, 65.1653



45.4192, 54.9674, 79.4501



49.2204, 54.9674, 89.3159

Triad

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



45.4192, 54.9674, 79.4501



61.7158, 54.9674, 69.1267



50.4620, 54.9674, 36.9849

Complementary

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



45.4192, 54.9674, 79.4501



46.1237, 39.4873, 27.0223

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.



55.3908, 54.9674, 37.7029



45.4192, 54.9674, 79.4501



62.1002, 54.9674, 54.8322

Square

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



45.4192, 54.9674, 79.4501



58.7026, 54.9674, 82.7391



59.7222, 54.9674, 43.7719



46.2790, 54.9674, 41.6274

Rectangle

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



45.4192, 54.9674, 79.4501



52.4074, 54.9674, 91.2571



59.7222, 54.9674, 43.7719



52.0827, 54.9674, 36.6287

Sweetspot

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



45.4209, 54.9695, 79.4514



82.8144, 90.9308, 107.7944



41.8712, 60.9287, 38.0100



17.4637, 19.2647, 23.0480



0.0000, 0.0000, 0.0000



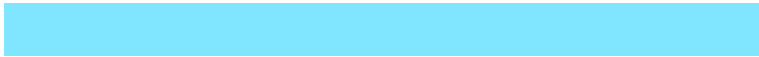
20.3446, 21.4041, 23.3091

Same Dimension

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



45.4209, 54.9695, 79.4514



55.2643, 68.5450, 104.9255



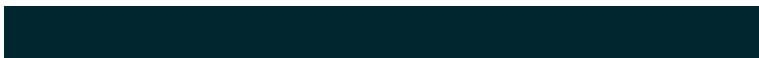
35.9315, 35.9908, 76.2883



13.8794, 15.0979, 17.5703



17.4893, 22.4482, 44.4595



1.2708, 1.6730, 3.1012

Inverse Universe

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



50.5666, 37.0167, 63.5135



63.2227, 42.2996, 79.9345



54.8560, 56.9521, 29.9331



14.1753, 13.8878, 16.6935



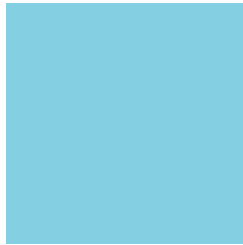
22.7680, 11.1742, 26.5078



1.6077, 0.7863, 1.9929

Previews

White Background



This preview shows how the XYZ color 45.4192, 54.9674, 79.4501 looks on a white background.

Color Contrast Check

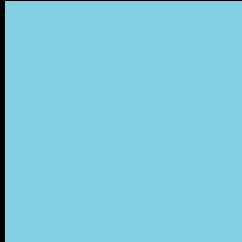
Large Text (above 18pt) WCAG AA × Fail

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 45.4192, 54.9674, 79.4501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

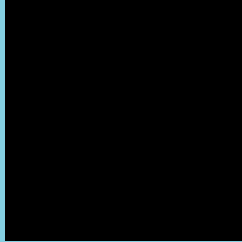
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.4192, 54.9674, 79.4501

Background



This preview shows how black text looks on a background with the XYZ color 45.4192, 54.9674, 79.4501.



This preview shows how white text looks on a background with the XYZ color 45.4192, 54.9674,

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

45.4192, 54.9674, 79.4501

Protanopia

53.2029, 54.3043, 72.6434

Deuteranopia

55.5823, 54.3544, 81.6907



Tritanopia

45.2831, 54.9130, 78.7336

Trichromacy



Original Color

45.4192, 54.9674, 79.4501

Protanomaly

49.5578, 54.0487, 74.8383

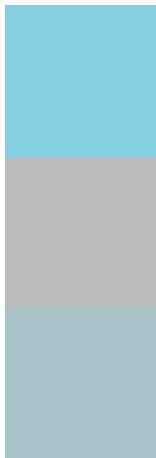
Deuteranomaly

50.9771, 53.9655, 81.1284

Tritanomaly

45.2831, 54.9130, 78.7336

Monochromacy



Original Color

45.4192, 54.9674, 79.4501

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.7708, 51.0161, 62.6931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4192, 54.9674, 79.4501 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(132, 207, 225)` looks like.

```
.text, #text, p{  
    color:rgb(132, 207, 225)  
}
```

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(132, 207, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 207, 225) }
```

Border

The CSS property to change the border of an element to XYZ 45.4192, 54.9674, 79.4501 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(132, 207, 225) }
```


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

```
.border{ border-color:rgb(132, 207, 225) }
```

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

Here you see how a box with a 4 pixel rgb(132, 207, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 207, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 207, 225);  
box-shadow:4px 4px 4px 4px rgb(132, 207,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4192, 54.9674, 79.4501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 207, 225) }
```

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

```
.background{ background-color: rgb(132,  
207, 225) }
```

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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