

Converting Colors

XYZ(45.6151, 54.4618, 79.1939)

Have a look what the booklet for
XYZ(45.6151, 54.4618, 79.1939)
contains.

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Color

**XYZ(45.5753, 54.3331,
79.3194)**

Conversions

Conversions Part 1

Format	Color
Hex	88CDE1
RGB	136, 205, 225
RGB Percent	53%, 80%, 88%
CMY	0.4666, 0.1961, 0.1176
CMYK	0.40, 0.09, 0.00, 0.12
HSL	193°, 60%, 71%
HSV	193°, 40%, 88%
XYZ	45.5753, 54.3331, 79.3194
YIQ	186.6490, -47.5440, -8.4080

Conversions

Conversions Part 2

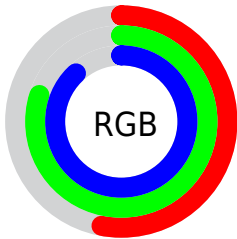
Format	Color
RYB	136, 175, 225
Decimal	8965601
CIELab	78.66, -16.65, -16.76
CIELCh	79, 23.621, 225.191
Yxy	54.3331, 0.2543, 0.3032
Android (android.graphics.Color)	4287155681 (0xFF88CDE1)
YUV	186.6490, 18.9070, -44.4192
Hunter-Lab	73.7110, -18.6282, -12.2035

Details

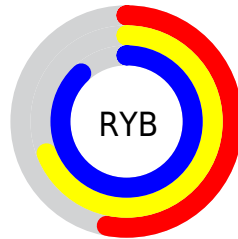
The XYZ color **45.5753, 54.3331, 79.3194** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.3848, 41.5631, 28.8192**, and the grayscale version is **46.9540, 49.3992, 53.7958**.

A 20% lighter version of the original color is **75.5482, 89.9465, 107.9873**, and **21.7156, 26.7848, 42.0557** is the 20% darker color. If you saturate the color by 10%, you get **41.1080, 50.2649, 78.7706**, and if you desaturate by 10%, it is **50.8520, 58.8791, 79.9197**.

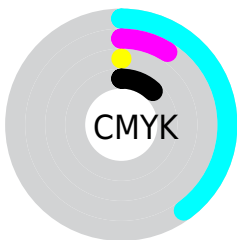
Distribution



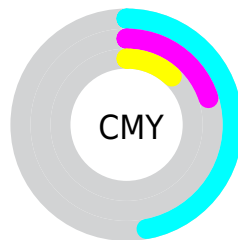
- Red (53%)
- Green (80%)
- Blue (88%)



- Red (53%)
- Yellow (69%)
- Blue (88%)



- Cyan (40%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)





- Cyan (47%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5753, 54.3331, 79.3194 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 45.5753, 54.3331, 79.3194 by changing the saturation by 10% instead.


 45.5753, 54.3331,
79.3194


 45.5753, 54.3331,
79.3194


359.8432,
403.3790, 512.2824


 32.1140, 38.8680,
58.6356


 82.8148, 96.5632,
134.2112

 21.6046, 26.6571,
41.9018


 107.3237,
124.0969, 169.2562

 13.6816, 17.3158,
28.6994


 136.2459,
156.4224, 209.9253

 7.9798, 10.4599,
18.6099

169.9467,
193.9240, 256.6372

 4.1337, 5.7050,
11.2148

208.7915,
236.9860, 309.8103

 1.7781, 2.6665,
6.0955

253.1456,

 0.5044, 0.9602,

285.9929, 369.8632

2.8335

303.3744,
341.3291, 437.2143

■ 0.0000, 0.0000,
1.0103

■ 0.0000, 0.0000,
0.0000

■ 45.5753, 54.3331,
79.3194

■ 45.5753, 54.3331,
79.3194

■ 41.1080, 50.2649,
78.7706

■ 50.8520, 58.8791,
79.9197

■ 37.3964, 46.6424,
78.2670

■ 56.9777, 63.9202,
80.5699

■ 34.3879, 43.4394,
77.8073

■ 63.9952, 69.4800,
81.2732

■ 32.0207, 40.6232,
77.3885

■ 71.9429, 75.5790,
82.0315

■ 30.2214, 38.1558,
77.0071

■ 80.8570, 82.2363,
82.8466

■ 28.8689, 35.9738,
76.6572

■ 84.6361, 86.3070,
83.4332

■ 28.8126, 35.8799,
76.6420

■ 86.1071, 89.2489,
83.9235

■ 87.6195, 92.2738,
84.4277

■ 89.1738, 95.3824,
84.9458

Harmonies

Analogous

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



43.4607, 54.3331, 66.1493



45.5753, 54.3331, 79.3194



49.3832, 54.3331, 87.6310

Triad

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



45.5753, 54.3331, 79.3194



60.8078, 54.3331, 65.9709



49.3271, 54.3331, 37.6710

Complementary

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



45.5753, 54.3331, 79.3194



47.3848, 41.5631, 28.8192

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.



53.9686, 54.3331, 37.6381



45.5753, 54.3331, 79.3194



60.7905, 54.3331, 52.6803

Square

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



45.5753, 54.3331, 79.3194



58.2704, 54.3331, 79.1719



58.2245, 54.3331, 42.7424



45.5363, 54.3331, 42.8402

Rectangle

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



45.5753, 54.3331, 79.3194



52.4578, 54.3331, 88.6064



58.2245, 54.3331, 42.7424



50.8346, 54.3331, 37.0876

Sweetspot

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



45.5770, 54.3352, 79.3207



82.5202, 90.3424, 107.6963



43.0201, 61.4619, 40.7328



17.3942, 19.1255, 23.0248



0.0000, 0.0000, 0.0000



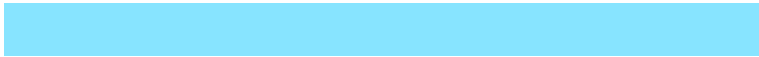
20.3446, 21.4041, 23.3091

Same Dimension

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



45.5770, 54.3352, 79.3207



55.8283, 67.9084, 104.7729



36.5282, 36.2377, 76.3044



13.8417, 15.0225, 17.5578



16.6941, 20.8577, 44.1944



1.2221, 1.5756, 3.0850

Inverse Universe

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



50.8764, 38.0252, 62.4179



63.9382, 44.2351, 78.6177



56.1006, 58.9947, 31.7244



14.1563, 13.8802, 16.5934



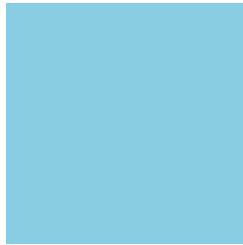
22.3666, 11.0136, 24.3940



1.5831, 0.7765, 1.8634

Previews

White Background



This preview shows how the XYZ color 45.5753, 54.3331, 79.3194 looks on a white background.

Color Contrast Check

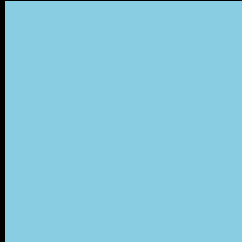
Large Text (above 18pt) WCAG AA × Fail

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 45.5753, 54.3331, 79.3194 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 45.5753, 54.3331, 79.3194

Background



This preview shows how black text looks on a background with the XYZ color 45.5753, 54.3331, 79.3194.



This preview shows how white text looks on a background with the XYZ color 45.5753, 54.3331,

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

45.5753, 54.3331, 79.3194

Protanopia

52.6092, 53.6562, 73.2295

Deuteranopia

54.9661, 53.7324, 80.8731



Tritanopia

45.0078, 54.0875, 77.1750

Trichromacy



Original Color

45.5753, 54.3331, 79.3194

Protanomaly

49.4621, 53.6459, 75.4579

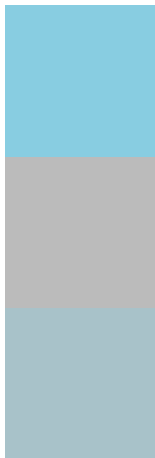
Deuteranomaly

50.8358, 53.5749, 80.3347

Tritanomaly

45.1423, 54.1413, 77.8831

Monochromacy



Original Color

45.5753, 54.3331, 79.3194

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.9829, 51.1255, 62.7030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5753, 54.3331, 79.3194 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, 205, 225)` looks like.

```
.text, #text, p{  
    color:rgb(136, 205, 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(136, 205, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 205, 225) }
```

Border

The CSS property to change the border of an element to XYZ 45.5753, 54.3331, 79.3194 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, 205, 225) }
```


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

```
.border{ border-color:rgb(136, 205, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 205, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 205, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 205, 225);  
box-shadow:4px 4px 4px 4px rgb(136, 205,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5753, 54.3331, 79.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 205, 225) }
```

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

```
.background{ background-color: rgb(136,  
205, 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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