

Converting Colors

XYZ(44.7816, 61.2320, 80.1275)

Have a look what the booklet for
XYZ(44.7816, 61.2320, 80.1275)
contains.

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Color

**XYZ(44.6244, 61.0203,
79.9471)**

Conversions

Conversions Part 1

Format	Color
Hex	5DE0E0
RGB	93, 224, 224
RGB Percent	36%, 88%, 88%
CMY	0.6353, 0.1216, 0.1216
CMYK	0.58, 0.00, 0.00, 0.12
HSL	180°, 68%, 62%
HSV	180°, 58%, 88%
XYZ	44.6244, 61.0203, 79.9471
YIQ	184.8310, -78.0760, -27.7720

Conversions

Conversions Part 2

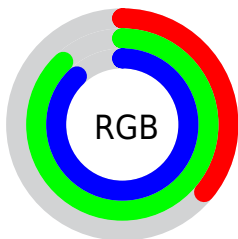
Format	Color
RYB	93, 159, 224
Decimal	6152416
CIELab	82.39, -35.48, -10.79
CIELCh	82, 37.088, 196.919
Yxy	61.0203, 0.2404, 0.3288
Android (android.graphics.Color)	4284342496 (0xFF5DE0E0)
YUV	184.8310, 19.3103, -80.5358
Hunter-Lab	78.1155, -34.7319, -5.9994

Details

The XYZ color **44.6244, 61.0203, 79.9471** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **36.6327, 24.4682, 13.1500**, and the grayscale version is **45.9492, 48.3422, 52.6446**.

A 20% lighter version of the original color is **67.3276, 85.7086, 107.6026**, and **21.1641, 30.8698, 42.3791** is the 20% darker color. If you saturate the color by 10%, you get **42.6811, 60.0199, 79.8573**, and if you desaturate by 10%, it is **47.2353, 62.3676, 80.0709**.

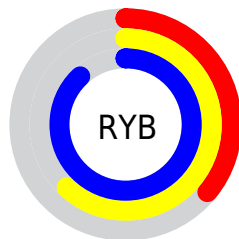
Distribution



Red (36%)

Green (88%)

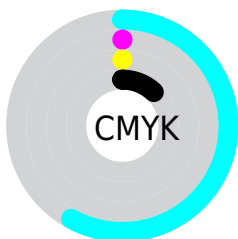
Blue (88%)



Red (36%)

Yellow (62%)

Blue (88%)

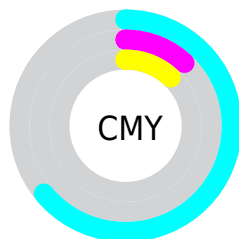


Cyan (58%)

Magenta (0%)

Yellow (0%)

Black (12%)



Cyan (64%)


Magenta (12%)


Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6244, 61.0203, 79.9471 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 44.6244, 61.0203, 79.9471 by changing the saturation by 10% instead.


 44.6244, 61.0203,
79.9471


 44.6244, 61.0203,
79.9471


356.0596,
428.3484, 514.4566

 31.3617, 44.2416,
59.1489


 81.3970, 106.3083,
135.1021


 21.0276, 30.8605,
42.3122

 105.6377,
135.5864, 170.2960

 13.2568, 20.4926,
29.0184


 134.2684,
169.7997, 211.1255

 7.6838, 12.7536,
18.8491

 167.6544,
209.3326, 258.0092

 3.9434, 7.2591,
11.3856

206.1612,
254.5696, 311.3656

 1.6702, 3.6247,
6.2094

250.1541,

 0.4375, 1.4659,

305.8949, 371.6133

2.9020

299.9984,
363.6931, 439.1708

■ 0.0000, 0.2645,
1.0448

■ 0.0000, 0.0000,
0.0000

■ 44.6244, 61.0203,
79.9471

■ 44.6244, 61.0203,
79.9471

■ 42.6811, 60.0199,
79.8573

■ 47.2353, 62.3676,
80.0709

■ 41.3399, 59.3285,
79.7942


■ 50.5608, 64.0820,
80.2268


■ 40.5323, 58.9121,
79.7562


■ 54.6503, 66.1902,
80.4184

■ 40.1538, 58.7170,
79.7382

■ 59.5469, 68.7145,
80.6478


 40.1112, 58.6950,
79.7362

 65.2908, 71.6756,
80.9169

 71.9193, 75.0927,
81.2274

 79.4677, 78.9840,
81.5809

 81.3517, 79.9553,
81.6693

 81.3518, 79.9553,
81.6696

Harmonies

Analogous

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



44.4033, 61.0203, 57.0580



44.6244, 61.0203, 79.9471



48.2133, 61.0203, 103.6231

Triad

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



44.6244, 61.0203, 79.9471



69.8368, 61.0203, 100.8719



61.5104, 61.0203, 32.3912

Complementary

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



44.6244, 61.0203, 79.9471



36.6327, 24.4682, 13.1500

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.



69.0242, 61.0203, 39.4238



44.6244, 61.0203, 79.9471



74.1177, 61.0203, 76.7995

Square

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



44.6244, 61.0203, 79.9471



62.5399, 61.0203, 117.4612



73.8075, 61.0203, 54.5482



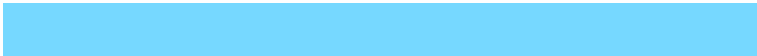
53.6814, 61.0203, 32.8615

Rectangle

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



44.6244, 61.0203, 79.9471



52.2350, 61.0203, 115.1345



73.8075, 61.0203, 54.5482



64.1700, 61.0203, 33.8736

Sweetspot

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



44.6262, 61.0226, 79.9485



80.1327, 92.3099, 108.2013



33.3718, 56.5467, 19.5132



16.7124, 19.5317, 23.1389



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.



44.6262, 61.0226, 79.9485



56.8299, 80.2969, 107.1089



30.6604, 33.0905, 75.2947



14.1166, 15.5724, 17.6494



23.3468, 34.1636, 46.4106



1.6183, 2.3680, 3.2169

Inverse Universe

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



36.6327, 24.4682, 13.1500



45.1811, 27.0269, 9.7649



44.6602, 40.5234, 15.8254



13.7073, 13.7006, 14.2288



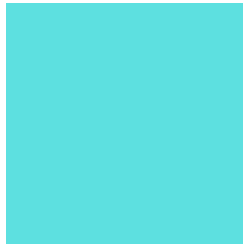
17.8932, 9.2243, 0.8375



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 44.6244, 61.0203, 79.9471 looks on a white background.

Color Contrast Check

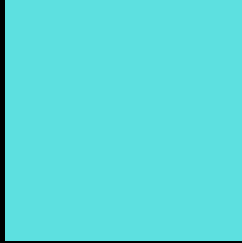
Large Text (above 18pt) WCAG AA × Fail

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 44.6244, 61.0203, 79.9471 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

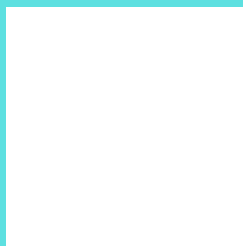
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.6244, 61.0203, 79.9471

Background



This preview shows how black text looks on a background with the XYZ color 44.6244, 61.0203, 79.9471.

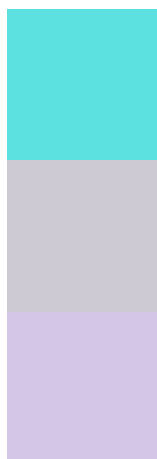


This preview shows how white text looks on a background with the XYZ color 44.6244, 61.0203,

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

44.6244, 61.0203, 79.9471

Protanopia

58.0552, 59.9233, 70.1345

Deuteranopia

61.3410, 59.9502, 83.2014



Tritanopia

47.1050, 61.2431, 91.7765

Trichromacy



Original Color

44.6244, 61.0203, 79.9471



Protanomaly

50.7511, 58.9436, 73.6681



Deuteranomaly

52.4649, 58.5519, 81.9352



Tritanomaly

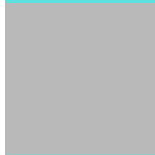
46.1687, 61.2573, 87.2324

Monochromacy



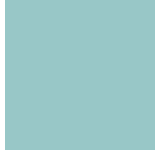
Original Color

44.6244, 61.0203, 79.9471



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

43.6811, 51.6458, 61.6992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6244, 61.0203, 79.9471 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(93, 224, 224)` looks like.

```
.text, #text, p{  
    color:rgb(93, 224, 224)  
}
```

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(93, 224, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 224, 224) }
```

Border

The CSS property to change the border of an element to XYZ 44.6244, 61.0203, 79.9471 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(93, 224, 224) }
```


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

```
.border{ border-color:rgb(93, 224, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 224, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 224, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 224, 224);  
box-shadow:4px 4px 4px 4px rgb(93, 224,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6244, 61.0203, 79.9471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 224, 224) }
```

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

```
.background{ background-color: rgb(93, 224,  
224) }
```

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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