

Converting Colors

XYZ(43.5637, 61.6040, 75.2917)

Have a look what the booklet for
XYZ(43.5637, 61.6040, 75.2917)
contains.

XYZ(43.6496, 61.8327, 75.2800)	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(43.6496, 61.8327,
75.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	54E3D9
RGB	84, 227, 217
RGB Percent	33%, 89%, 85%
CMY	0.6706, 0.1098, 0.1490
CMYK	0.63, 0.00, 0.04, 0.11
HSL	176°, 72%, 61%
HSV	176°, 63%, 89%
XYZ	43.6496, 61.8327, 75.2800
YIQ	183.1030, -82.0180, -33.4260

Conversions

Conversions Part 2

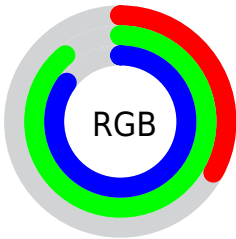
Format	Color
RYB	84, 158, 227
Decimal	5563353
CIELab	82.82, -40.21, -6.46
CIELCh	83, 40.723, 189.131
Yxy	61.8327, 0.2415, 0.3421
Android (android.graphics.Color)	4283753433 (0xFF54E3D9)
YUV	183.1030, 16.7112, -86.9133
Hunter-Lab	78.6338, -38.5238, -1.7176

Details

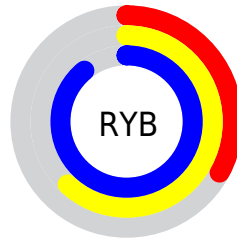
The XYZ color **43.6496, 61.8327, 75.2800** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **36.8713, 23.4815, 13.1808**, and the grayscale version is **45.0115, 47.3556, 51.5703**.

A 20% lighter version of the original color is **66.0227, 85.0359, 107.5415**, and **21.0845, 31.7345, 39.1965** is the 20% darker color. If you saturate the color by 10%, you get **41.7324, 60.8696, 74.1186**, and if you desaturate by 10%, it is **46.2305, 63.1406, 76.4856**.

Distribution



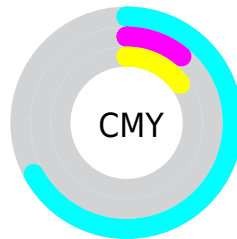
- Red (33%)
- Green (89%)
- Blue (85%)



- Red (33%)
- Yellow (62%)
- Blue (89%)



- Cyan (63%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)





- Cyan (67%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6496, 61.8327, 75.2800 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 43.6496, 61.8327, 75.2800 by changing the saturation by 10% instead.


 43.6496, 61.8327,
75.2800


 43.6496, 61.8327,
75.2800


352.1529,
431.3206, 498.1605


 30.5919, 44.8975,
55.3392


 79.9398, 107.4837,
128.4594

 20.4386, 31.3767,
39.2729


 103.9030,
136.9683, 162.5350

 12.8243, 20.8859,
26.6627

 132.2321,
171.4049, 202.1594

 7.3839, 13.0406,
17.0898

 165.2924,
211.1778, 247.7510

 3.7518, 7.4565,
10.1359

203.4493,
256.6714, 299.7283

 1.5627, 3.7492,
5.3824

247.0681,

 0.3679, 1.5343,

308.2701, 358.5100

2.4107

296.5141,
366.3584, 424.5145

■ 0.0000, 0.3127,
0.7923

■ 0.0000, 0.0000,
0.0000

■ 43.6496, 61.8327,
75.2800

■ 43.6496, 61.8327,
75.2800

■ 41.7324, 60.8696,
74.1186

■ 46.2305, 63.1406,
76.4856

■ 40.4073, 60.2099,
72.9940


■ 49.5271, 64.8159,
77.7336


■ 39.5959, 59.8149,
71.9036


■ 53.5925, 66.8872,
79.0281

■ 39.2437, 59.6496,
71.1559


■ 58.4731, 69.3786,
80.3712

 64.2119, 72.3122,
81.7649

 70.8486, 75.7084,
83.2112

 78.4206, 79.5865,
84.7118

 82.9514, 81.8966,
86.0806

 83.1751, 81.9861,
87.2585

Harmonies

Analogous

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



44.3854, 61.8327, 51.5514



43.6496, 61.8327, 75.2800



46.6408, 61.8327, 102.6163

Triad

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



43.6496, 61.8327, 75.2800



70.0623, 61.8327, 112.1422



64.9814, 61.8327, 31.5426

Complementary

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



43.6496, 61.8327, 75.2800



36.8713, 23.4815, 13.1808

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.



72.8386, 61.8327, 41.2246



43.6496, 61.8327, 75.2800



75.9687, 61.8327, 86.0274

Square

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



43.6496, 61.8327, 75.2800



61.4857, 61.8327, 127.1181



77.0323, 61.8327, 59.9517



56.1357, 61.8327, 30.0262

Rectangle

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



43.6496, 61.8327, 75.2800



50.5392, 61.8327, 117.8415



77.0323, 61.8327, 59.9517



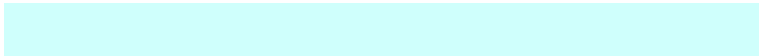
67.8495, 61.8327, 33.8095

Sweetspot

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



43.6514, 61.8351, 75.2815



78.8757, 91.7243, 105.3201



33.8864, 58.0629, 17.8102



16.4404, 19.4068, 22.4321



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.



43.6514, 61.8351, 75.2815



53.6405, 78.8959, 95.9691



31.4185, 35.2235, 77.8185



14.7616, 16.3181, 18.2756



22.9044, 34.7939, 41.5922



1.7057, 2.5764, 3.1427

Inverse Universe

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



36.8713, 23.4815, 13.1808



44.1811, 25.1235, 9.1335



43.1913, 36.7939, 13.2144



14.4177, 14.3843, 15.1339



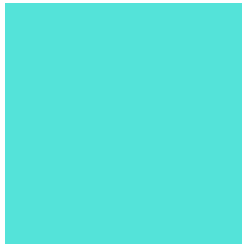
18.5444, 9.5520, 1.2299



1.3848, 0.7116, 0.1668

Previews

White Background



This preview shows how the XYZ color 43.6496, 61.8327, 75.2800 looks on a white background.

Color Contrast Check

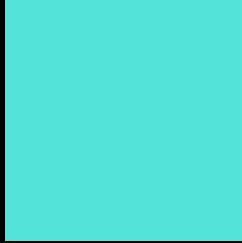
Large Text (above 18pt) WCAG AA × Fail

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 43.6496, 61.8327, 75.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

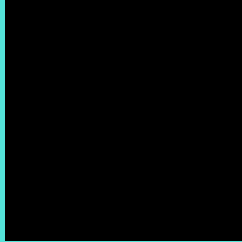
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

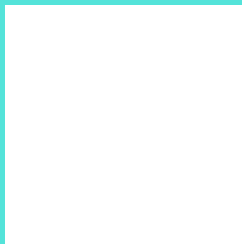
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6496, 61.8327, 75.2800

Background



This preview shows how black text looks on a background with the XYZ color 43.6496, 61.8327, 75.2800.



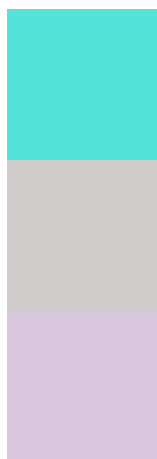
This preview shows how white text looks on a background with the XYZ color 43.6496, 61.8327,

75.2800.

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

43.6496, 61.8327, 75.2800

Protanopia

58.3848, 60.9074, 65.1790

Deuteranopia

62.0616, 60.7735, 78.2715



Tritanopia

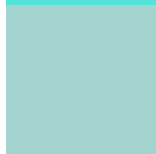
46.9842, 61.5591, 92.6249

Trichromacy



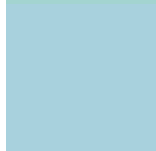
Original Color

43.6496, 61.8327, 75.2800



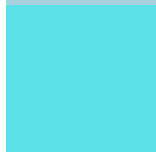
Protanomaly

50.0329, 59.4276, 68.5082



Deuteranomaly

52.0001, 59.1462, 77.0823



Tritanomaly

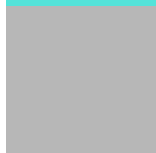
45.5355, 61.3617, 85.7879

Monochromacy



Original Color

43.6496, 61.8327, 75.2800



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

42.3064, 50.9900, 59.2420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6496, 61.8327, 75.2800 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(84, 227, 217)` looks like.

```
.text, #text, p{  
    color:rgb(84, 227, 217)  
}
```

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(84, 227, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 227, 217) }
```

Border

The CSS property to change the border of an element to XYZ 43.6496, 61.8327, 75.2800 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(84, 227, 217) }
```


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

```
.border{ border-color:rgb(84, 227, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 227, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 227, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 227, 217);  
box-shadow:4px 4px 4px 4px rgb(84, 227,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6496, 61.8327, 75.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 227, 217) }
```

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

```
.background{ background-color: rgb(84, 227,  
217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor