

Converting Colors

XYZ(45.7296, 61.6206, 85.8649)

Have a look what the booklet for
XYZ(45.7296, 61.6206, 85.8649)
contains.

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Color

**XYZ(45.6348, 61.4128,
85.7926)**

Conversions

Conversions Part 1

Format	Color
Hex	5CE0E8
RGB	92, 224, 232
RGB Percent	36%, 88%, 91%
CMY	0.6392, 0.1216, 0.0902
CMYK	0.60, 0.03, 0.00, 0.09
HSL	183°, 75%, 64%
HSV	183°, 60%, 91%
XYZ	45.6348, 61.4128, 85.7926
YIQ	185.4440, -81.2400, -25.4960

Conversions

Conversions Part 2

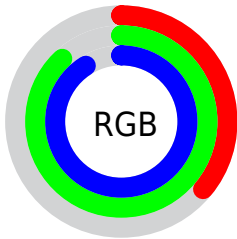
Format	Color
R _Y B	92, 160, 232
Decimal	6086888
CIE Lab	82.60, -33.48, -14.73
CIE LCh	83, 36.574, 203.741
Yxy	61.4128, 0.2366, 0.3185
Android (android.graphics.Color)	4284276968 (0xFF5CE0E8)
YUV	185.4440, 22.9521, -81.9504
Hunter-Lab	78.3663, -33.1957, -10.0521

Details

The XYZ color **45.6348, 61.4128, 85.7926** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **39.7690, 27.0444, 13.2510**, and the grayscale version is **46.2719, 48.6816, 53.0143**.

A 20% lighter version of the original color is **67.3276, 85.7086, 107.6026**, and **21.8391, 31.1399, 45.9338** is the 20% darker color. If you saturate the color by 10%, you get **43.3080, 59.6879, 85.5834**, and if you desaturate by 10%, it is **48.6775, 63.5136, 86.0389**.

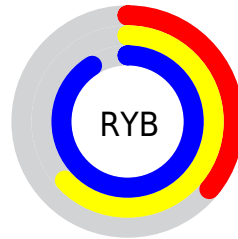
Distribution



Red (36%)

Green (88%)

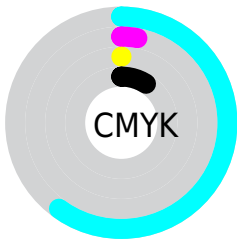
Blue (91%)



Red (36%)

Yellow (63%)

Blue (91%)

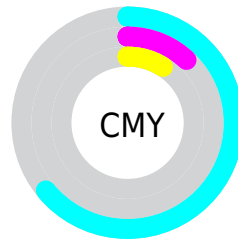


Cyan (60%)

Magenta (3%)

Yellow (0%)

Black (9%)



Cyan (64%)


Magenta (12%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.6348, 61.4128, 85.7926 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 45.6348, 61.4128, 85.7926 by changing the saturation by 10% instead.


 45.6348, 61.4128,
85.7926


 45.6348, 61.4128,
85.7926


360.0791,
429.7859, 534.4599

 32.1611, 44.5584,
63.9426


 82.9034, 106.8764,
143.3640

 21.6407, 31.1097,
46.1583


 107.4290,
136.2544, 179.9225

 13.7083, 20.6824,
32.0212


 136.3694,
170.5757, 222.2208

 7.9984, 12.8921,
21.1127

 170.0898,
210.2248, 270.6776

 4.1457, 7.3543,
13.0144

208.9556,
255.5859, 325.7114

 1.7849, 3.6846,
7.3076

253.3322,

 0.5085, 1.4988,

307.0436, 387.7407

3.5739

303.5849,
364.9821, 457.1840

■ 0.0000, 0.2879,
1.3946

■ 0.0000, 0.0000,
0.1375

■ 45.6348, 61.4128,
85.7926

■ 45.6348, 61.4128,
85.7926

■ 43.3080, 59.6879,
85.5834

■ 48.6775, 63.5136,
86.0389

■ 41.6244, 58.2973,
85.4037


■ 52.4892, 66.0137,
86.3205


■ 40.5059, 57.2021,
85.2513


■ 57.1244, 68.9424,
86.6415

■ 39.8312, 56.3573,
85.1238


■ 62.6309, 72.3245,
87.0041

 69.0532, 76.1828,
87.4103

 76.4324, 80.5385,
87.8621

 84.8073, 85.4118,
88.3614

 85.4017, 86.2782,
88.4973

 85.7818, 87.0384,
88.6240

Harmonies

Analogous

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



44.6361, 61.4128, 62.2727



45.6348, 61.4128, 85.7926



49.9043, 61.4128, 108.0555

Triad

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



45.6348, 61.4128, 85.7926



71.3852, 61.4128, 95.7788



60.0293, 61.4128, 32.4878

Complementary

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



45.6348, 61.4128, 85.7926



39.7690, 27.0444, 13.2510

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.



67.7450, 61.4128, 37.7553



45.6348, 61.4128, 85.7926



74.6688, 61.4128, 71.6842

Square

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



45.6348, 61.4128, 85.7926



64.6509, 61.4128, 114.6648



73.2805, 61.4128, 50.9537



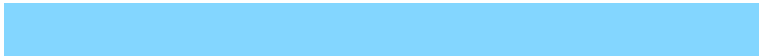
52.5116, 61.4128, 34.6315

Rectangle

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



45.6348, 61.4128, 85.7926



54.2528, 61.4128, 117.4469



73.2805, 61.4128, 50.9537



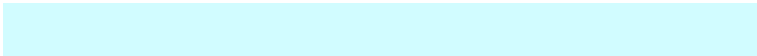
62.6926, 61.4128, 33.4040

Sweetspot

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



45.6367, 61.4151, 85.7941



79.3019, 90.6481, 107.9249



35.5239, 60.8908, 21.6870



16.5061, 19.1189, 23.0703



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.



45.6367, 61.4151, 85.7941



53.1825, 73.5838, 106.0078



30.7023, 31.5463, 80.8159



14.7332, 16.1878, 18.4924



22.1446, 31.3514, 47.2674



1.6580, 2.3600, 3.5001

Inverse Universe

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



50.5620, 30.1937, 73.6865



59.9255, 32.3802, 89.0865



49.4001, 46.3064, 16.4614



14.9577, 14.6003, 17.9776



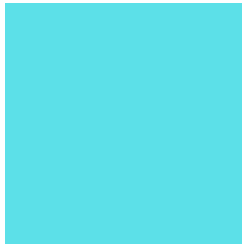
25.5711, 12.3627, 38.2319



1.9005, 0.9179, 2.8827

Previews

White Background



This preview shows how the XYZ color 45.6348, 61.4128, 85.7926 looks on a white background.

Color Contrast Check

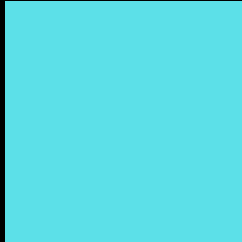
Large Text (above 18pt) WCAG AA × Fail

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 45.6348, 61.4128, 85.7926 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 45.6348, 61.4128, 85.7926

Background



This preview shows how black text looks on a background with the XYZ color 45.6348, 61.4128, 85.7926.

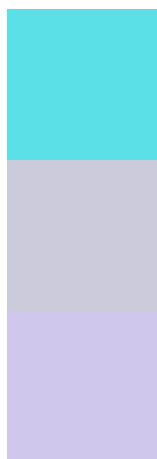


This preview shows how white text looks on a background with the XYZ color 45.6348, 61.4128,

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

45.6348, 61.4128, 85.7926

Protanopia

58.7707, 60.5229, 75.6024

Deuteranopia

61.7219, 60.3712, 88.5205



Tritanopia

47.0887, 61.6130, 92.6298

Trichromacy



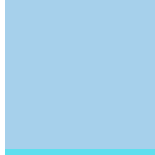
Original Color

45.6348, 61.4128, 85.7926



Protanomaly

51.8531, 59.7569, 79.3223



Deuteranomaly

53.2772, 59.2169, 87.2193



Tritanomaly

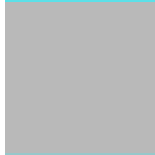
46.5396, 61.3813, 90.2838

Monochromacy



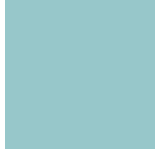
Original Color

45.6348, 61.4128, 85.7926



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

43.8466, 51.6904, 63.5434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6348, 61.4128, 85.7926 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(92, 224, 232)` looks like.

```
.text, #text, p{  
    color:rgb(92, 224, 232)  
}
```

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(92, 224, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 224, 232) }
```

Border

The CSS property to change the border of an element to XYZ 45.6348, 61.4128, 85.7926 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(92, 224, 232) }
```


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

```
.border{ border-color:rgb(92, 224, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 224, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 224, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 224, 232);  
box-shadow:4px 4px 4px 4px rgb(92, 224,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6348, 61.4128, 85.7926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 224, 232) }
```

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

```
.background{ background-color: rgb(92, 224,  
232) }
```

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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