

Converting Colors

XYZ(44.2487, 58.2377, 61.4459)

Have a look what the booklet for
XYZ(44.2487, 58.2377, 61.4459)
contains.

XYZ(44.1496, 58.0485, 61.7009)	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(44.1496, 58.0485,
61.7009)**

Conversions

Conversions Part 1

Format	Color
Hex	84D8C5
RGB	132, 216, 197
RGB Percent	52%, 85%, 77%
CMY	0.4823, 0.1529, 0.2274
CMYK	0.39, 0.00, 0.09, 0.15
HSL	166°, 52%, 68%
HSV	166°, 39%, 85%
XYZ	44.1496, 58.0485, 61.7009
YIQ	188.7180, -43.9650, -23.7170

Conversions

Conversions Part 2

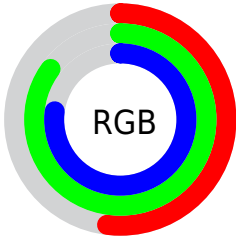
Format	Color
RYB	132, 179, 216
Decimal	8706245
CIELab	80.77, -29.87, 1.33
CIELCh	81, 29.896, 177.443
Yxy	58.0485, 0.2694, 0.3542
Android (android.graphics.Color)	4286896325 (0xFF84D8C5)
YUV	188.7180, 4.0830, -49.7417
Hunter-Lab	76.1896, -29.8963, 5.3176

Details

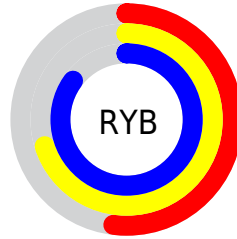
The XYZ color **44.1496, 58.0485, 61.7009** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **42.1580, 33.3373, 33.4930**, and the grayscale version is **48.2054, 50.7158, 55.2296**.

A 20% lighter version of the original color is **74.3884, 89.3671, 107.0948**, and **20.7634, 29.0507, 30.4996** is the 20% darker color. If you saturate the color by 10%, you get **40.5647, 56.2655, 58.6585**, and if you desaturate by 10%, it is **48.4553, 60.2039, 64.8743**.

Distribution



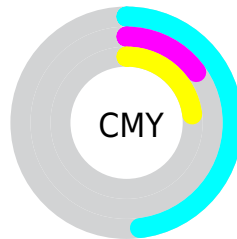
- Red (52%)
- Green (85%)
- Blue (77%)



- Red (52%)
- Yellow (70%)
- Blue (85%)



- Cyan (39%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)





- Cyan (48%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1496, 58.0485, 61.7009 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 44.1496, 58.0485, 61.7009 by changing the saturation by 10% instead.


 44.1496, 58.0485,
61.7009


 44.1496, 58.0485,
61.7009


354.1603,
417.3666, 448.8167


 30.9866, 41.8476,
44.3568


 80.6878, 101.9935,
108.8605

 20.7404, 28.9820,
30.6119


 104.7936,
130.5064, 139.5132

 13.0457, 19.0672,
20.0475


 133.2777,
163.8921, 175.4391

 7.5373, 11.7189,
12.2452

166.5055,
202.5350, 217.0568

 3.8496, 6.5525,
6.7863

204.8423,
246.8196, 264.7849

 1.6174, 3.1839,
3.2524

248.6535,

 0.4037, 1.2285,

297.1301, 319.0419

1.2249

298.3043,
353.8510, 380.2463

■ 0.0000, 0.0848,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.1496, 58.0485,
61.7009

■ 44.1496, 58.0485,
61.7009

■ 40.5647, 56.2655,
58.6585

■ 48.4553, 60.2039,
64.8743

■ 37.6519, 54.8255,
55.7403

■ 53.5167, 62.7453,
68.1773

■ 35.3644, 53.7058,
52.9442

■ 59.3724, 65.6940,
71.6141

■ 33.6471, 52.8780,
50.2669

■ 66.0569, 69.0678,
75.1870

■ 32.4349, 52.3085,
47.7044

■ 73.6026, 72.8834,
78.8983

■ 31.6254, 51.9447,
45.2510

■ 79.5683, 75.8823,
82.6347

■ 31.5450, 51.9090,
44.9843

■ 80.2498, 76.1550,
86.2237

■ 80.9506, 76.4353,
89.9141

■ 81.6709, 76.7234,
93.7069

Harmonies

Analogous

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



45.7657, 58.0485, 46.6266



44.1496, 58.0485, 61.7009



45.2999, 58.0485, 80.1926

Triad

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



44.1496, 58.0485, 61.7009



60.8236, 58.0485, 98.4088



61.8074, 58.0485, 38.6744

Complementary

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



44.1496, 58.0485, 61.7009



42.1580, 33.3373, 33.4930

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.



66.3863, 58.0485, 48.8036



44.1496, 58.0485, 61.7009



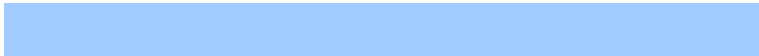
65.7892, 58.0485, 83.3098

Square

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



44.1496, 58.0485, 61.7009



54.6457, 58.0485, 103.5877



67.8945, 58.0485, 64.7332



55.7044, 58.0485, 34.9750

Rectangle

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



44.1496, 58.0485, 61.7009



47.5321, 58.0485, 91.6817



67.8945, 58.0485, 64.7332



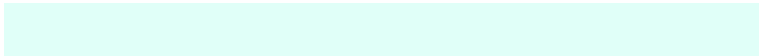
63.5926, 58.0485, 41.3352

Sweetspot

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



44.1513, 58.0508, 61.7022



83.5800, 94.2134, 102.6501



41.5966, 57.4170, 30.7209



17.6452, 20.0425, 21.8295



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.



44.1513, 58.0508, 61.7022



59.7639, 82.2786, 86.0489



41.1150, 48.2712, 72.1188



12.6664, 14.0576, 15.3236



18.7132, 30.7406, 26.8493



1.1588, 1.8662, 1.7782

Inverse Universe

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



42.1580, 33.3373, 33.4930



56.4698, 41.2478, 39.2899



44.1073, 39.5100, 27.1322



12.5372, 12.4664, 13.5030



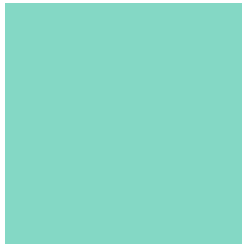
17.1223, 8.7853, 2.6824



1.0647, 0.5427, 0.3302

Previews

White Background



This preview shows how the XYZ color 44.1496, 58.0485, 61.7009 looks on a white background.

Color Contrast Check

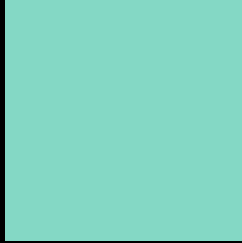
Large Text (above 18pt) WCAG AA × Fail

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 44.1496, 58.0485, 61.7009 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

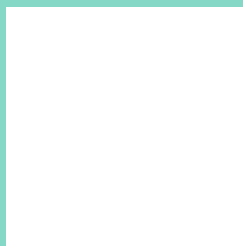
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.1496, 58.0485, 61.7009

Background



This preview shows how black text looks on a background with the XYZ color 44.1496, 58.0485, 61.7009.



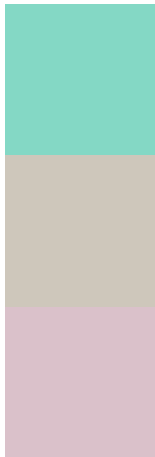
This preview shows how white text looks on a background with the XYZ color 44.1496, 58.0485,

61.7009.

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

44.1496, 58.0485, 61.7009

Protanopia

54.8467, 57.5565, 55.2325

Deuteranopia

58.6441, 57.3096, 63.8481



Tritanopia

48.1131, 57.7654, 82.0128

Trichromacy



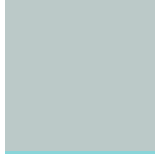
Original Color

44.1496, 58.0485, 61.7009



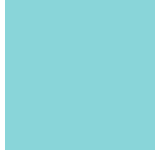
Protanomaly

49.8257, 57.0079, 57.6678



Deuteranomaly

51.8055, 56.5082, 62.8203



Tritanomaly

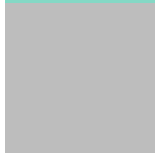
46.6352, 57.9166, 74.3667

Monochromacy



Original Color

44.1496, 58.0485, 61.7009



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

46.0863, 52.9774, 57.6658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1496, 58.0485, 61.7009 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, 216, 197)` looks like.

```
.text, #text, p{  
    color:rgb(132, 216, 197)  
}
```

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, 216, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 216, 197) }
```

Border

The CSS property to change the border of an element to XYZ 44.1496, 58.0485, 61.7009 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, 216, 197) }
```


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

```
.border{ border-color:rgb(132, 216, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 216, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 216, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 216, 197);  
box-shadow:4px 4px 4px 4px rgb(132, 216,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1496, 58.0485, 61.7009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 216, 197) }
```

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

```
.background{ background-color: rgb(132,  
216, 197) }
```

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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