

Converting Colors

XYZ(44.9991, 58.4764, 61.1674)

Have a look what the booklet for
XYZ(44.9991, 58.4764, 61.1674)
contains.

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Color

**XYZ(45.0009, 58.5005,
61.1445)**

Conversions

Conversions Part 1

Format	Color
Hex	8AD8C4
RGB	138, 216, 196
RGB Percent	54%, 85%, 77%
CMY	0.4588, 0.1529, 0.2314
CMYK	0.36, 0.00, 0.09, 0.15
HSL	165°, 50%, 69%
HSV	165°, 36%, 85%
XYZ	45.0009, 58.5005, 61.1445
YIQ	190.3980, -40.0680, -22.7560

Conversions

Conversions Part 2

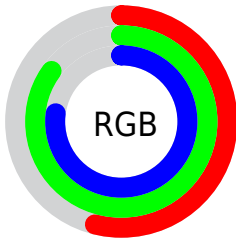
Format	Color
RYB	138, 183, 216
Decimal	9099460
CIELab	81.02, -28.47, 2.26
CIELCh	81, 28.563, 175.452
Yxy	58.5005, 0.2733, 0.3553
Android (android.graphics.Color)	4287289540 (0xFF8AD8C4)
YUV	190.3980, 2.7618, -45.9530
Hunter-Lab	76.4856, -28.8280, 6.1420

Details

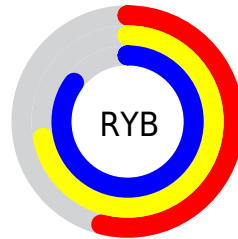
The XYZ color **45.0009, 58.5005, 61.1445** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **43.5809, 35.2461, 36.8562**, and the grayscale version is **49.1755, 51.7364, 56.3409**.

A 20% lighter version of the original color is **75.7378, 90.0812, 106.3241**, and **21.2835, 29.3276, 30.1302** is the 20% darker color. If you saturate the color by 10%, you get **41.1579, 56.5924, 57.7349**, and if you desaturate by 10%, it is **49.5812, 60.7890, 64.7127**.

Distribution



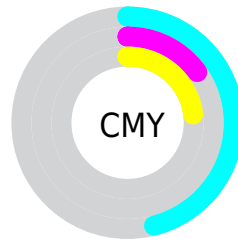
- Red (54%)
- Green (85%)
- Blue (77%)



- Red (54%)
- Yellow (72%)
- Blue (85%)



- Cyan (36%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)





- Cyan (46%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.0009, 58.5005, 61.1445 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 45.0009, 58.5005, 61.1445 by changing the saturation by 10% instead.

 45.0009, 58.5005,
61.1445


 45.0009, 58.5005,
61.1445


357.5608,
419.0483, 446.7248

 31.6594, 42.2112,
43.9105


 81.9588, 102.6513,
108.0477

 21.2558, 29.2667,
30.2635


 106.3060,
131.2816, 138.5540

 13.4246, 19.2826,
19.7849


 135.0524,
164.7944, 174.3214

 7.8006, 11.8747,
12.0563

168.5634,
203.5739, 215.7685

 4.0183, 6.6584,
6.6590

207.2044,
248.0047, 263.3139

 1.7125, 3.2494,
3.1746

251.3407,

 0.4641, 1.2633,

298.4711, 317.3760

1.1845

301.3378,
355.3575, 378.3735

■ 0.0000, 0.1125,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 45.0009, 58.5005,
61.1445

■ 45.0009, 58.5005,
61.1445

■ 41.1579, 56.5924,
57.7349

■ 49.5812, 60.7890,
64.7127

■ 38.0045, 55.0356,
54.4765

■ 54.9329, 63.4710,
68.4386

■ 35.4954, 53.8084,
51.3672

■ 61.0940, 66.5675,
72.3263

■ 33.5775, 52.8832,
48.4031

■ 68.0984, 70.0960,
76.3789

■ 32.1888, 52.2284,
45.5800

■ 75.9781, 74.0728,
80.5989

■ 31.2520, 51.8040,
42.8930

■ 79.9728, 76.0441,
84.7648

■ 30.9558, 51.6733,
41.8819

■ 80.7598, 76.3589,
88.9095

■ 81.5718, 76.6837,
93.1854

■ 82.4090, 77.0186,
97.5937

Harmonies

Analogous

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



46.7366, 58.5005, 46.9264



45.0009, 58.5005, 61.1445



45.9365, 58.5005, 78.7746

Triad

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



45.0009, 58.5005, 61.1445



60.6446, 58.5005, 97.9374



62.3178, 58.5005, 40.4236

Complementary

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



45.0009, 58.5005, 61.1445



43.5809, 35.2461, 36.8562

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.



66.5385, 58.5005, 50.6778



45.0009, 58.5005, 61.1445



65.5253, 58.5005, 84.0518

Square

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



45.0009, 58.5005, 61.1445



54.7044, 58.5005, 102.0764



67.7517, 58.5005, 66.3198



56.5113, 58.5005, 36.3919

Rectangle

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



45.0009, 58.5005, 61.1445



47.9870, 58.5005, 89.8966



67.7517, 58.5005, 66.3198



63.9849, 58.5005, 43.1575

Sweetspot

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



45.0026, 58.5029, 61.1458



84.3361, 94.6081, 102.4662



43.4036, 58.2996, 33.0111



17.7910, 20.1192, 21.7666



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.



45.0026, 58.5029, 61.1458



61.3476, 83.1111, 85.3963



43.0261, 50.6600, 72.4791



12.6498, 14.0509, 15.2364



18.3678, 30.6025, 25.0304



1.1406, 1.8589, 1.6819

Inverse Universe

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



43.5809, 35.2461, 36.8562



59.0072, 44.6532, 45.2820



44.8303, 40.2797, 29.4577



12.5526, 12.4726, 13.5845



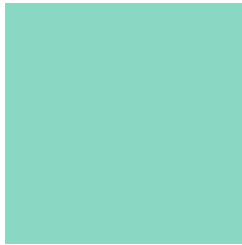
17.2130, 8.8215, 3.1599



1.0721, 0.5456, 0.3690

Previews

White Background



This preview shows how the XYZ color 45.0009, 58.5005, 61.1445 looks on a white background.

Color Contrast Check

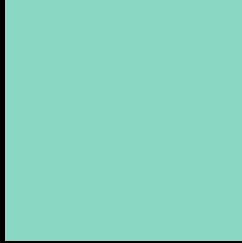
Large Text (above 18pt) WCAG AA × Fail

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 45.0009, 58.5005, 61.1445 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

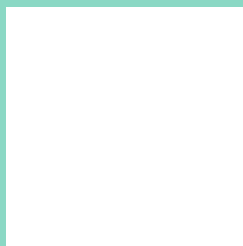
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.0009, 58.5005, 61.1445

Background



This preview shows how black text looks on a background with the XYZ color 45.0009, 58.5005, 61.1445.

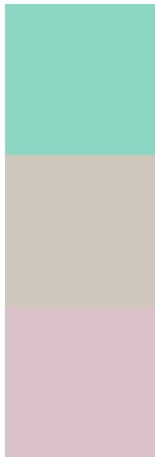


This preview shows how white text looks on a background with the XYZ color 45.0009, 58.5005,

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

45.0009, 58.5005, 61.1445

Protanopia

55.1252, 57.7001, 55.2455

Deuteranopia

59.0478, 57.8607, 63.3144



Tritanopia

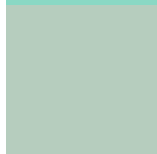
49.1519, 58.3010, 82.0614

Trichromacy



Original Color

45.0009, 58.5005, 61.1445



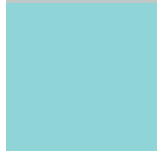
Protanomaly

50.4170, 57.3254, 57.1229



Deuteranomaly

52.6645, 57.3117, 62.3194



Tritanomaly

47.5166, 58.3860, 73.7310

Monochromacy



Original Color

45.0009, 58.5005, 61.1445



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

46.7324, 53.3105, 57.6961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0009, 58.5005, 61.1445 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(138, 216, 196)` looks like.

```
.text, #text, p{  
    color:rgb(138, 216, 196)  
}
```

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(138, 216, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 216, 196) }
```

Border

The CSS property to change the border of an element to XYZ 45.0009, 58.5005, 61.1445 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(138, 216, 196) }
```


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

```
.border{ border-color:rgb(138, 216, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 216, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 216, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 216, 196);  
box-shadow:4px 4px 4px 4px rgb(138, 216,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0009, 58.5005, 61.1445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 216, 196) }
```

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

```
.background{ background-color: rgb(138,  
216, 196) }
```

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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