

Converting Colors

XYZ(45.1073, 62.0621, 60.7325)

Have a look what the booklet for
XYZ(45.1073, 62.0621, 60.7325)
contains.

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Color

**XYZ(45.1203, 62.1054,
60.6484)**

Conversions

Conversions Part 1

Format	Color
Hex	7DE1C2
RGB	125, 225, 194
RGB Percent	49%, 88%, 76%
CMY	0.5098, 0.1176, 0.2392
CMYK	0.44, 0.00, 0.14, 0.12
HSL	161°, 63%, 69%
HSV	161°, 44%, 88%
XYZ	45.1203, 62.1054, 60.6484
YIQ	191.5660, -49.6490, -30.8410

Conversions

Conversions Part 2

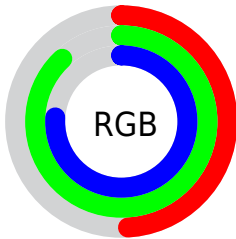
Format	Color
RYB	125, 184, 225
Decimal	8249794
CIELab	82.97, -36.55, 6.08
CIElCh	83, 37.050, 170.555
Yxy	62.1054, 0.2688, 0.3700
Android (android.graphics.Color)	4286439874 (0xFF7DE1C2)
YUV	191.5660, 1.2000, -58.3784
Hunter-Lab	78.8070, -35.7135, 9.5364

Details

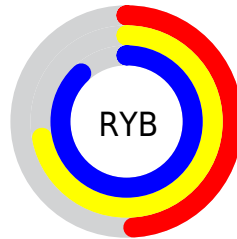
The XYZ color **45.1203, 62.1054, 60.6484** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **44.3878, 33.0768, 35.5000**, and the grayscale version is **49.8654, 52.4623, 57.1314**.

A 20% lighter version of the original color is **72.3067, 88.3672, 103.6881**, and **21.2363, 31.4627, 29.7646** is the 20% darker color. If you saturate the color by 10%, you get **41.4354, 60.2958, 56.4828**, and if you desaturate by 10%, it is **49.5894, 64.3182, 65.0454**.

Distribution



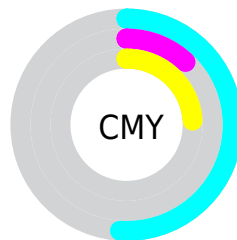
- Red (49%)
- Green (88%)
- Blue (76%)



- Red (49%)
- Yellow (72%)
- Blue (88%)



- Cyan (44%)
- Magenta (0%)
- Yellow (14%)
- Black (12%)





- Cyan (51%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1203, 62.1054, 60.6484 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 45.1203, 62.1054, 60.6484 by changing the saturation by 10% instead.


 45.1203, 62.1054,
60.6484


 45.1203, 62.1054,
60.6484


358.0361,
432.3154, 444.8545


 31.7539, 45.1179,
43.5128


 82.1369, 107.8778,
107.3222

 21.3282, 31.5503,
29.9533


 106.5177,
137.4316, 137.6975

 13.4779, 21.0182,
19.5514

 135.3007,
171.9428, 173.3231

 7.8377, 13.1373,
11.8885

168.8513,
211.7959, 214.6176

 4.0422, 7.5232,
6.5462

207.5348,
257.3754, 261.9994

 1.7261, 3.7914,
3.1058

251.7165,

 0.4725, 1.5576,

309.0655, 315.8871

1.1489

301.7618,
367.2507, 376.6993

■ 0.0000, 0.3287,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 45.1203, 62.1054,
60.6484

■ 45.1203, 62.1054,
60.6484

■ 41.4354, 60.2958,
56.4828

■ 49.5894, 64.3182,
65.0454

■ 38.4781, 58.8555,
52.5393


■ 54.8841, 66.9508,
69.6742


■ 36.1925, 57.7573,
48.8140


■ 61.0491, 70.0276,
74.5409


■ 34.5115, 56.9667,
45.3010

■ 68.1241, 73.5692,
79.6496


 33.3538, 56.4419,
41.9937

 76.1464, 77.5946,
85.0046

 32.8635, 56.2274,
40.2406

 83.2856, 81.1602,
90.5225

 84.3184, 81.5734,
95.9613

 85.3912, 82.0025,
101.6108

 86.2163, 82.3325,
105.9554

Harmonies

Analogous

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



47.9310, 62.1054, 43.3200



45.1203, 62.1054, 60.6484



45.7676, 62.1054, 84.2966

Triad

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



45.1203, 62.1054, 60.6484



64.5957, 62.1054, 117.8189



69.3501, 62.1054, 38.9917

Complementary

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



45.1203, 62.1054, 60.6484



44.3878, 33.0768, 35.5000

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.



74.6332, 62.1054, 53.3058



45.1203, 62.1054, 60.6484



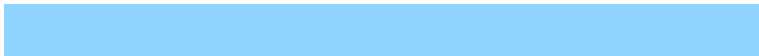
71.7208, 62.1054, 99.6455

Square

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



45.1203, 62.1054, 60.6484



56.5412, 62.1054, 121.0437



75.5380, 62.1054, 75.1111



61.5894, 62.1054, 32.8136

Rectangle

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



45.1203, 62.1054, 60.6484



48.0978, 62.1054, 100.4943



75.5380, 62.1054, 75.1111



71.5030, 62.1054, 42.8361

Sweetspot

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



45.1220, 62.1079, 60.6498



82.2774, 93.6016, 99.8950



44.4685, 62.4683, 29.1171



17.1915, 19.8250, 21.0662



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.



45.1220, 62.1079, 60.6498



55.5080, 80.3116, 75.5940



44.2822, 54.2628, 79.3768



13.9262, 15.4962, 16.6466



18.9914, 32.4214, 23.4757



1.3560, 2.2631, 1.8359

Inverse Universe

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



44.3878, 33.0768, 35.5000



54.4378, 37.2566, 38.3877



44.6276, 37.2352, 24.2382



13.8814, 13.7702, 15.1454



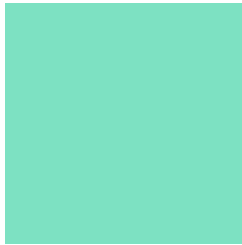
18.5720, 9.4958, 4.4119



1.3266, 0.6739, 0.5129

Previews

White Background



This preview shows how the XYZ color 45.1203, 62.1054, 60.6484 looks on a white background.

Color Contrast Check

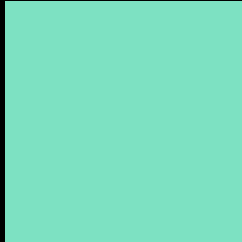
Large Text (above 18pt) WCAG AA × Fail

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 45.1203, 62.1054, 60.6484 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

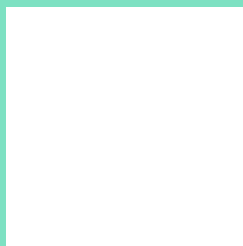
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.1203, 62.1054, 60.6484

Background



This preview shows how black text looks on a background with the XYZ color 45.1203, 62.1054, 60.6484.



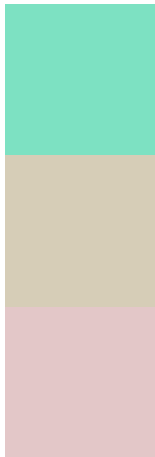
This preview shows how white text looks on a background with the XYZ color 45.1203, 62.1054,

60.6484.

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

45.1203, 62.1054, 60.6484

Protanopia

58.1101, 61.3777, 53.5841

Deuteranopia

62.5273, 61.3479, 63.1894



Tritanopia

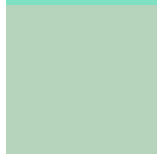
50.7709, 62.0117, 89.4143

Trichromacy



Original Color

45.1203, 62.1054, 60.6484



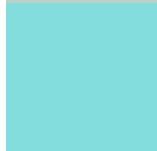
Protanomaly

51.8045, 60.6199, 55.9841



Deuteranomaly

53.9841, 60.1361, 62.1882



Tritanomaly

48.4233, 61.8389, 77.7905

Monochromacy



Original Color

45.1203, 62.1054, 60.6484



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

47.3670, 55.3608, 58.6413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1203, 62.1054, 60.6484 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(125, 225, 194)` looks like.

```
.text, #text, p{  
    color:rgb(125, 225, 194)  
}
```

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(125, 225, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 225, 194) }
```

Border

The CSS property to change the border of an element to XYZ 45.1203, 62.1054, 60.6484 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(125, 225, 194) }
```


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

```
.border{ border-color:rgb(125, 225, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 225, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 225, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 225, 194);  
box-shadow:4px 4px 4px 4px rgb(125, 225,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1203, 62.1054, 60.6484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 225, 194) }
```

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

```
.background{ background-color: rgb(125,  
225, 194) }
```

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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