

Converting Colors

XYZ(45.4722, 50.6470, 72.9667)

Have a look what the booklet for
XYZ(45.4722, 50.6470, 72.9667)
contains.

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Color

**XYZ(45.5265, 50.6612,
73.0247)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 9CC2D9 |
| RGB | 156, 194, 217 |
| RGB Percent | 61%, 76%, 85% |
| CMY | 0.3882, 0.2392, 0.1490 |
| CMYK | 0.28, 0.11, 0.00, 0.15 |
| HSL | 203°, 45%, 73% |
| HSV | 203°, 28%, 85% |
| XYZ | 45.5265, 50.6612, 73.0247 |
| YIQ | 185.2600, -30.0310, -0.9030 |

Conversions

Conversions Part 2

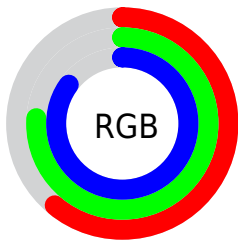
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 156, 179, 217 |
| Decimal | 10273497 |
| CIELab | 76.47, -7.38, -15.63 |
| CIELCh | 76, 17.283, 244.722 |
| Yxy | 50.6612, 0.2690, 0.2994 |
| Android (android.graphics.Color) | 4288463577 (0xFF9CC2D9) |
| YUV | 185.2600, 15.6478, -25.6610 |
| Hunter-Lab | 71.1767, -10.3858, -11.0057 |

Details

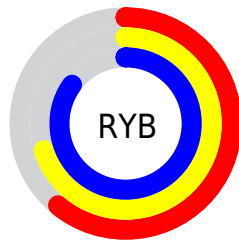
The XYZ color **45.5265, 50.6612, 73.0247** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.7369, 49.3928, 38.3136**, and the grayscale version is **46.1876, 48.5930, 52.9177**.

A 20% lighter version of the original color is **79.3870, 89.5883, 107.7159**, and **21.4932, 24.2484, 37.7300** is the 20% darker color. If you saturate the color by 10%, you get **39.9259, 45.1460, 72.2562**, and if you desaturate by 10%, it is **51.9806, 56.7677, 73.8641**.

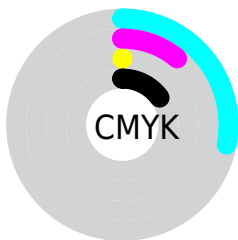
Distribution



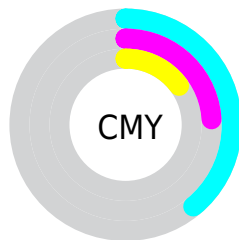
- Red (61%)
- Green (76%)
- Blue (85%)



- Red (61%)
- Yellow (70%)
- Blue (85%)



- Cyan (28%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (39%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5265, 50.6612, 73.0247 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 45.5265, 50.6612, 73.0247 by changing the saturation by 10% instead.

■ 45.5265, 50.6612,
73.0247

■ 45.5265, 50.6612,
73.0247

359.6497,
389.2460, 490.1735

■ 32.0754, 35.9390,
53.5042

■ 82.7421, 91.1538,
125.2335

■ 21.5749, 24.3871,
37.8150

■ 107.2373,
117.6930, 158.7589

■ 13.6597, 15.6210,
25.5384

136.1446,
148.9400, 197.7897

■ 7.9645, 9.2564,
16.2560

169.8294,
185.2792, 242.7445

■ 4.1239, 4.9088,
9.5491

208.6569,
227.0950, 294.0417

■ 1.7724, 2.1938,
4.9994

252.9925,

■ 0.5010, 0.7166,

274.7719, 352.0999

2.1882

303.2017,
328.6941, 417.3376

■ 0.0000, 0.0000,
0.6675

■ 0.0000, 0.0000,
0.0000

■ 45.5265, 50.6612,
73.0247

■ 45.5265, 50.6612,
73.0247

■ 39.9259, 45.1460,
72.2562

■ 51.9806, 56.7677,
73.8641

■ 35.1326, 40.1922,
71.5527

■ 59.3221, 63.4815,
74.7730

■ 31.1029, 35.7762,
70.9127

■ 67.5886, 70.8257,
75.7549

■ 27.7867, 31.8694,
70.3334

■ 76.8141, 78.8198,
76.8117

■ 25.1272, 28.4402,
69.8116

■ 83.4473, 85.6354,
77.7776

■ 23.0579, 25.4517,
69.3438

■ 85.8427, 90.4262,
78.5761

■ 21.4837, 22.8519,
68.9250

■ 88.3473, 95.4353,
79.4109

■ 21.2146, 22.3899,
68.8500

■ 89.5245, 97.7898,
79.8033

Harmonies

Analogous

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



43.1849, 50.6612, 66.0233



45.5265, 50.6612, 73.0247



48.6695, 50.6612, 75.0405

Triad

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



45.5265, 50.6612, 73.0247



54.6681, 50.6612, 53.6977



44.6715, 50.6612, 41.6917

Complementary

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



45.5265, 50.6612, 73.0247



50.7369, 49.3928, 38.3136

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.



47.6381, 50.6612, 39.1453



45.5265, 50.6612, 73.0247



53.4859, 50.6612, 45.5614

Square

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



45.5265, 50.6612, 73.0247



54.0409, 50.6612, 63.1815



50.8764, 50.6612, 40.4783



42.7071, 50.6612, 47.8505

Rectangle

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



45.5265, 50.6612, 73.0247



50.8194, 50.6612, 73.1134



50.8764, 50.6612, 40.4783



45.5795, 50.6612, 40.4185

Sweetspot

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



45.5281, 50.6632, 73.0259



85.5343, 91.5247, 107.7656



46.5971, 59.9238, 51.4246



17.9458, 19.2631, 23.0223



0.0000, 0.0000, 0.0000



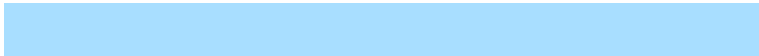
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.5281, 50.6632, 73.0259



60.4667, 67.9863, 104.5435



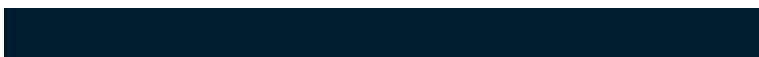
39.5353, 38.6778, 71.0283



13.0110, 13.9617, 16.6613



12.9467, 13.7629, 41.7125



0.9207, 1.0555, 2.7296

Inverse Universe

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



50.2426, 42.4251, 56.5818



68.5248, 54.6668, 76.2669



57.3848, 62.6886, 40.5295



13.3954, 13.1873, 15.3434



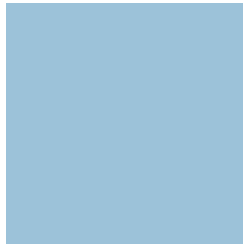
20.0302, 10.0131, 15.0711



1.3390, 0.6652, 1.1941

Previews

White Background



This preview shows how the XYZ color 45.5265, 50.6612, 73.0247 looks on a white background.

Color Contrast Check

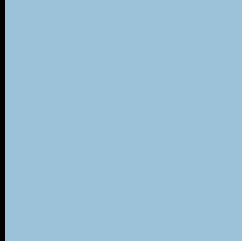
Large Text (above 18pt) WCAG AA × Fail

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 45.5265, 50.6612, 73.0247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

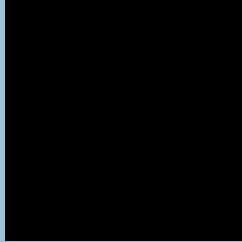
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5265, 50.6612, 73.0247

Background



This preview shows how black text looks on a background with the XYZ color 45.5265, 50.6612, 73.0247.



This preview shows how white text looks on a background with the XYZ color 45.5265, 50.6612,

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

45.5265, 50.6612, 73.0247

Protanopia

49.4212, 50.4845, 69.4271

Deuteranopia

51.6649, 50.6019, 74.0619



Tritanopia

44.7905, 50.7019, 69.0538

Trichromacy



Original Color

45.5265, 50.6612, 73.0247

Protanomaly

48.0066, 50.6806, 70.8704

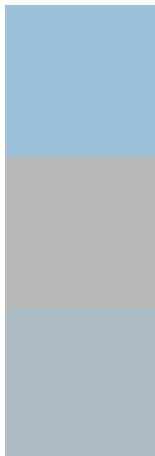
Deuteranomaly

49.2285, 50.6121, 73.5042

Tritanomaly

45.0429, 50.8029, 70.3827

Monochromacy



Original Color

45.5265, 50.6612, 73.0247

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.5168, 48.9963, 59.8816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5265, 50.6612, 73.0247 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(156, 194, 217)` looks like.

```
.text, #text, p{  
    color:rgb(156, 194, 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(156, 194, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 194, 217) }
```

Border

The CSS property to change the border of an element to XYZ 45.5265, 50.6612, 73.0247 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(156, 194, 217) }
```


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

```
.border{ border-color:rgb(156, 194, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 194, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 194, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 194, 217); box-shadow:4px 4px 4px 4px rgb(156, 194, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5265, 50.6612, 73.0247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 194, 217) }
```

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

```
.background{ background-color: rgb(156,  
194, 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](#).

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