

Converting Colors

XYZ(45.5640, 45.5554, 64.1492)

Have a look what the booklet for
XYZ(45.5640, 45.5554, 64.1492)
contains.

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Color

**XYZ(45.5640, 45.5554,
64.1492)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B1CD
RGB	180, 177, 205
RGB Percent	71%, 69%, 80%
CMY	0.2941, 0.3059, 0.1961
CMYK	0.12, 0.14, 0.00, 0.20
HSL	246°, 22%, 75%
HSV	246°, 14%, 80%
XYZ	45.5640, 45.5554, 64.1492
YIQ	181.0890, -7.2000, 9.3440

Conversions

Conversions Part 2

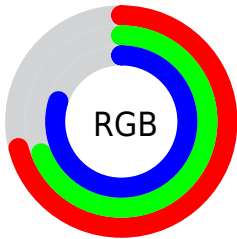
Format	Color
RYB	180, 177, 205
Decimal	11841997
CIELab	73.26, 6.59, -13.77
CIELCh	73, 15.272, 295.583
Yxy	45.5554, 0.2935, 0.2934
Android (android.graphics.Color)	4290032077 (0xFFB4B1CD)
YUV	181.0890, 11.7881, -0.9551
Hunter-Lab	67.4947, 2.3851, -9.1048

Details

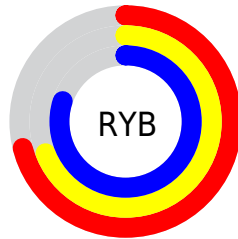
The XYZ color **45.5640, 45.5554, 64.1492** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.1259, 59.3947, 50.2088**, and the grayscale version is **43.9113, 46.1981, 50.3098**.

A 20% lighter version of the original color is **81.7810, 83.3307, 106.3819**, and **21.5460, 21.1617, 32.2272** is the 20% darker color. If you saturate the color by 10%, you get **37.8316, 36.0040, 62.7138**, and if you desaturate by 10%, it is **54.4703, 56.6173, 65.8157**.

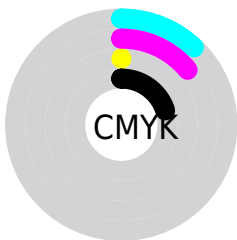
Distribution



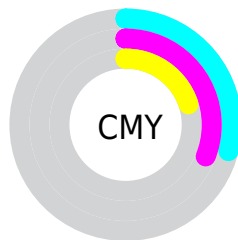
- Red (71%)
- Green (69%)
- Blue (80%)



- Red (71%)
- Yellow (69%)
- Blue (80%)



- Cyan (12%)
- Magenta (14%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5640, 45.5554, 64.1492 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 45.5640, 45.5554, 64.1492 by changing the saturation by 10% instead.

■ 45.5640, 45.5554,
64.1492

■ 45.5640, 45.5554,
64.1492

359.7984,
369.0183, 457.9505

■ 32.1051, 31.8951,
46.3246

■ 82.7980, 83.5532,
112.4273

■ 21.5977, 21.2814,
32.1515

107.3037,
108.6596, 143.7179

■ 13.6765, 13.3299,
21.2115

136.2225,
138.3500, 180.3342

■ 7.9762, 7.6561,
13.0859

169.9195,
173.0090, 222.6947

■ 4.1314, 3.8757,
7.3563

208.7603,
213.0210, 271.2181

■ 1.7768, 1.6043,
3.6041

253.1102,

■ 0.5036, 0.3605,

258.7702, 326.3228

1.4108

303.3344,
310.6412, 388.4274

■ 0.0000, 0.0000,
0.1501

■ 0.0000, 0.0000,
0.0000

■ 45.5640, 45.5554,
64.1492

■ 45.5640, 45.5554,
64.1492

■ 37.8316, 36.0040,
62.7138

■ 54.4703, 56.6173,
65.8157

■ 31.2199, 27.8919,
61.4965

■ 64.5923, 69.2453,
67.7196

■ 25.6780, 21.1510,
60.4875

■ 75.9749, 83.4992,
69.8710

■ 21.1493, 15.7052,
59.6750

■ 87.3687, 96.8523,
71.8479

■ 17.5718, 11.4709,
59.0463

■ 88.0196, 97.1878,
71.8783

■ 14.8770, 8.3549,
58.5869

■ 12.9868, 6.2502,
58.2803

■ 11.8088, 5.0284,
58.1065

■ 11.3493, 4.5778,
58.0438

Harmonies

Analogous

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



42.9032, 45.5554, 65.8302



45.5640, 45.5554, 64.1492



47.6935, 45.5554, 58.4255

Triad

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



45.5640, 45.5554, 64.1492



46.2793, 45.5554, 38.3901



38.3589, 45.5554, 48.4735

Complementary

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



45.5640, 45.5554, 64.1492



54.1259, 59.3947, 50.2088

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.



39.1832, 45.5554, 41.7150



45.5640, 45.5554, 64.1492



43.6974, 45.5554, 36.2875

Square

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



45.5640, 45.5554, 64.1492



48.1183, 45.5554, 43.4947



41.1104, 45.5554, 37.4394



38.8128, 45.5554, 56.2560

Rectangle

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



45.5640, 45.5554, 64.1492



48.4874, 45.5554, 53.3703



41.1104, 45.5554, 37.4394



38.4947, 45.5554, 46.0155

Sweetspot

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



45.5654, 45.5573, 64.1502



88.6101, 91.9772, 107.6909



50.3198, 56.0911, 65.9329



18.7148, 19.3741, 23.0031



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.



45.5654, 45.5573, 64.1502



71.2310, 70.4077, 104.4435



48.9400, 47.2970, 64.3081



10.7114, 10.9005, 14.1098



7.1048, 2.8702, 36.1358



0.4052, 0.1680, 1.8660

Inverse Universe

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



51.5612, 48.6897, 62.5598



82.6918, 76.3963, 101.3502



50.5569, 57.5548, 50.0417



11.6338, 11.3822, 13.8721



21.0191, 10.2182, 28.8828



1.0995, 0.5332, 1.5701

Previews

White Background



This preview shows how the XYZ color 45.5640, 45.5554, 64.1492 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 45.5640, 45.5554, 64.1492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

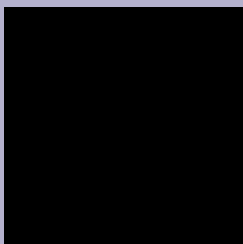
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

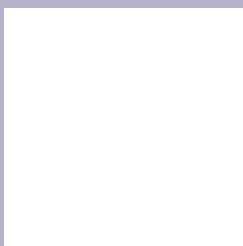
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.5640, 45.5554, 64.1492

Background



This preview shows how black text looks on a background with the XYZ color 45.5640, 45.5554, 64.1492.



This preview shows how white text looks on a background with the XYZ color 45.5640, 45.5554,

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

45.5640, 45.5554, 64.1492

Protanopia

44.7402, 45.4110, 64.7997

Deuteranopia

46.3570, 45.3820, 64.0739



Tritanopia

44.1058, 45.5554, 56.9205

Trichromacy



Original Color

45.5640, 45.5554, 64.1492

Protanomaly

45.1924, 45.6441, 64.8208

Deuteranomaly

46.0732, 45.5257, 64.1166

Tritanomaly

44.5888, 45.4557, 59.2471

Monochromacy



Original Color

45.5640, 45.5554, 64.1492

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.6716, 46.1840, 55.2752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5640, 45.5554, 64.1492 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(180, 177, 205)` looks like.

```
.text, #text, p{  
    color:rgb(180, 177, 205)  
}
```

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(180, 177, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 177, 205) }
```

Border

The CSS property to change the border of an element to XYZ 45.5640, 45.5554, 64.1492 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(180, 177, 205) }
```


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

```
.border{ border-color:rgb(180, 177, 205) }
```

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

Here you see how a box with a 4 pixel rgb(180, 177, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 177, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 177, 205);  
box-shadow:4px 4px 4px 4px rgb(180, 177,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5640, 45.5554, 64.1492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 177, 205) }
```

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

```
.background{ background-color: rgb(180,  
177, 205) }
```

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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