

Converting Colors

XYZ(45.3513, 45.3346, 71.3270)

Have a look what the booklet for
XYZ(45.3513, 45.3346, 71.3270)
contains.

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Color

**XYZ(45.3504, 45.2864,
71.3167)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB1D8
RGB	173, 177, 216
RGB Percent	68%, 69%, 85%
CMY	0.3216, 0.3059, 0.1529
CMYK	0.20, 0.18, 0.00, 0.15
HSL	234°, 36%, 76%
HSV	234°, 20%, 85%
XYZ	45.3504, 45.2864, 71.3167
YIQ	180.2500, -14.9030, 11.2810

Conversions

Conversions Part 2

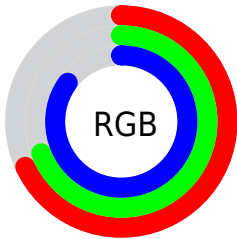
Format	Color
RYB	173, 177, 216
Decimal	11383256
CIELab	73.08, 6.74, -20.10
CIELCh	73, 21.203, 288.537
Yxy	45.2864, 0.2800, 0.2796
Android (android.graphics.Color)	4289573336 (0xFFADB1D8)
YUV	180.2500, 17.6247, -6.3582
Hunter-Lab	67.2952, 2.5251, -15.7265

Details

The XYZ color **45.3504, 45.2864, 71.3167** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **59.4057, 64.7031, 48.8943**, and the grayscale version is **43.4319, 45.6937, 49.7604**.

A 20% lighter version of the original color is **79.5020, 82.1558, 106.2752**, and **21.5124, 21.2335, 36.6829** is the 20% darker color. If you saturate the color by 10%, you get **37.3592, 35.8300, 69.9134**, and if you desaturate by 10%, it is **54.6720, 56.2554, 72.9434**.

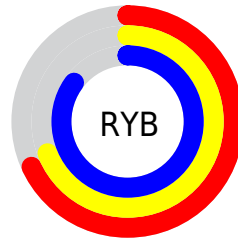
Distribution



Red (68%)

Green (69%)

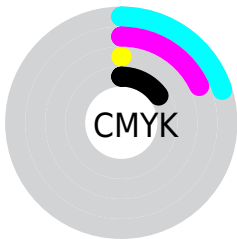
Blue (85%)



Red (68%)

Yellow (69%)

Blue (85%)

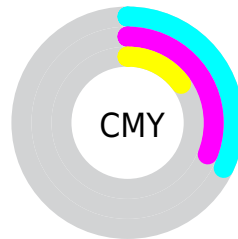


Cyan (20%)

Magenta (18%)

Yellow (0%)

Black (15%)



Cyan (32%)

Magenta (31%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.3504, 45.2864, 71.3167 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 45.3504, 45.2864, 71.3167 by changing the saturation by 10% instead.

■ 45.3504, 45.2864,
71.3167

■ 45.3504, 45.2864,
71.3167

358.9507,
367.9323, 484.0732

■ 31.9360, 31.6831,
52.1173

■ 82.4798, 83.1500,
122.7832

■ 21.4679, 21.1195,
36.7157

106.9255,
108.1791, 155.8874

■ 13.5809, 13.2114,
24.6934

135.7790,
137.7856, 194.4636

■ 7.9095, 7.5743,
15.6318

169.4056,
172.3538, 238.9303

■ 4.0884, 3.8238,
9.1125

208.1707,
212.2682, 289.7060

■ 1.7523, 1.5755,
4.7168

252.4397,

■ 0.4887, 0.3410,

257.9131, 347.2094

2.0263

302.5779,
309.6730, 411.8590

■ 0.0000, 0.0000,
0.5714

■ 0.0000, 0.0000,
0.0000

■ 45.3504, 45.2864,
71.3167

■ 45.3504, 45.2864,
71.3167

■ 37.3592, 35.8300,
69.9134

■ 54.6720, 56.2554,
72.9434

■ 30.6337, 27.8146,
68.7207

■ 65.3766, 68.7937,
74.7993

■ 25.1098, 21.1708,
67.7295

■ 77.5188, 82.9616,
76.8940

■ 20.7164, 15.8214,
66.9285

■ 89.3948, 97.7379,
79.1202

■ 17.3748, 11.6816,
66.3055

■ 14.9959, 8.6561,
65.8469

■ 13.4759, 6.6354,
65.5370

■ 12.6525, 5.4696,
65.3554

■ 12.6468, 5.4618,
65.3542

Harmonies

Analogous

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



41.6417, 45.2864, 72.1540



45.3504, 45.2864, 71.3167



48.6113, 45.2864, 64.1051

Triad

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



45.3504, 45.2864, 71.3167



47.9397, 45.2864, 35.5339



36.4262, 45.2864, 45.3610

Complementary

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



45.3504, 45.2864, 71.3167



59.4057, 64.7031, 48.8943

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.



37.9177, 45.2864, 36.9854



45.3504, 45.2864, 71.3167



44.4761, 45.2864, 31.8804

Square

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



45.3504, 45.2864, 71.3167



50.1644, 45.2864, 43.0975



40.8159, 45.2864, 32.3705



36.6303, 45.2864, 56.0908

Rectangle

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



45.3504, 45.2864, 71.3167



50.0266, 45.2864, 57.1654



40.8159, 45.2864, 32.3705



36.7423, 45.2864, 42.2079

Sweetspot

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



45.3518, 45.2882, 71.3177



85.3754, 88.6767, 107.2243



53.6363, 62.7352, 71.3721



18.0582, 18.7277, 22.9130



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.



45.3518, 45.2882, 71.3177



60.7844, 59.7381, 102.9347



48.6245, 45.8191, 71.2477



11.8346, 12.1927, 15.6672



7.5202, 3.3022, 38.6942



0.4863, 0.2646, 2.3447

Inverse Universe

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



51.1995, 47.6616, 48.0981



70.8537, 63.9012, 62.9347



55.5998, 64.2445, 49.0063



12.4697, 12.4394, 13.1478



16.8547, 8.6782, 1.2730



1.0331, 0.5300, 0.1637

Previews

White Background



This preview shows how the XYZ color 45.3504, 45.2864, 71.3167 looks on a white background.

Color Contrast Check

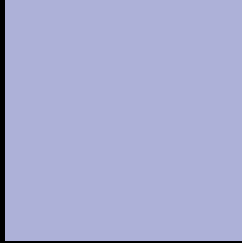
Large Text (above 18pt) WCAG AA × Fail

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 45.3504, 45.2864, 71.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

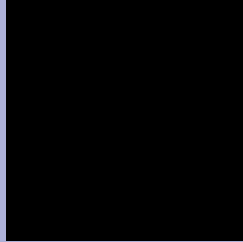
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.3504, 45.2864, 71.3167

Background



This preview shows how black text looks on a background with the XYZ color 45.3504, 45.2864, 71.3167.



This preview shows how white text looks on a background with the XYZ color 45.3504, 45.2864,

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

45.3504, 45.2864, 71.3167

Protanopia

45.1097, 45.4566, 71.3622

Deuteranopia

46.0847, 45.0828, 71.2387



Tritanopia

42.7364, 45.4229, 58.1448

Trichromacy



Original Color

45.3504, 45.2864, 71.3167

Protanomaly

45.3283, 45.5693, 71.3724

Deuteranomaly

45.8245, 45.2386, 71.2825

Tritanomaly

43.6783, 45.5004, 62.9803

Monochromacy



Original Color

45.3504, 45.2864, 71.3167

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.8772, 45.4376, 56.9098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3504, 45.2864, 71.3167 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(173, 177, 216)` looks like.

```
.text, #text, p{  
    color:rgb(173, 177, 216)  
}
```

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(173, 177, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 177, 216) }
```

Border

The CSS property to change the border of an element to XYZ 45.3504, 45.2864, 71.3167 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(173, 177, 216) }
```


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

```
.border{ border-color:rgb(173, 177, 216) }
```

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

Here you see how a box with a 4 pixel rgb(173, 177, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 177, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 177, 216);  
box-shadow:4px 4px 4px 4px rgb(173, 177,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3504, 45.2864, 71.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 177, 216) }
```

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

```
.background{ background-color: rgb(173,  
177, 216) }
```

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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