

Converting Colors

XYZ(24.5109, 24.1353, 46.5467)

Have a look what the booklet for
XYZ(24.5109, 24.1353, 46.5467)
contains.

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Color

**XYZ(24.5109, 24.1353,
46.5467)**

Conversions

Conversions Part 1

Format	Color
Hex	7985B4
RGB	121, 133, 180
RGB Percent	47%, 52%, 71%
CMY	0.5255, 0.4784, 0.2941
CMYK	0.33, 0.26, 0.00, 0.29
HSL	228°, 28%, 59%
HSV	228°, 33%, 71%
XYZ	24.5109, 24.1353, 46.5467
YIQ	134.7700, -22.2390, 12.0730

Conversions

Conversions Part 2

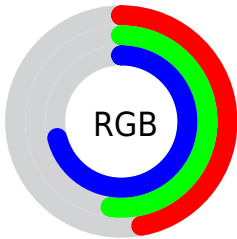
Format	Color
R_{YB}	121, 131, 180
Decimal	7964084
CIE _{Lab}	56.22, 6.95, -26.14
CIE _{LCh}	56, 27.049, 284.889
Yxy	24.1353, 0.2575, 0.2535
Android (android.graphics.Color)	4286154164 (0xFF7985B4)
YUV	134.7700, 22.2984, -12.0763
Hunter-Lab	49.1277, 3.0842, -21.7857

Details

The XYZ color **24.5109, 24.1353, 46.5467** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **36.2767, 39.0894, 23.7230**, and the grayscale version is **22.8706, 24.0616, 26.2031**.

A 20% lighter version of the original color is **50.3784, 50.2879, 86.4082**, and **9.5269, 9.1750, 21.3475** is the 20% darker color. If you saturate the color by 10%, you get **20.3890, 19.2928, 45.8297**, and if you desaturate by 10%, it is **29.3731, 29.7583, 47.3762**.

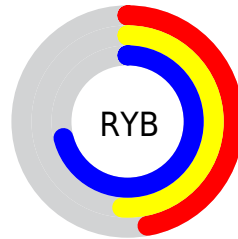
Distribution



Red (47%)

Green (52%)

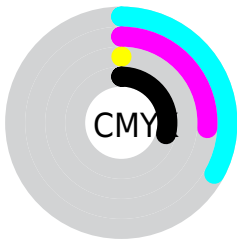
Blue (71%)



Red (47%)

Yellow (51%)

Blue (71%)

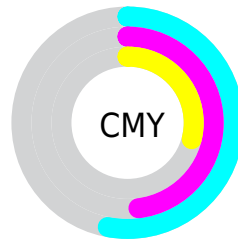


Cyan (33%)

Magenta (26%)

Yellow (0%)

Black (29%)



Cyan (53%)

Magenta (48%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5109, 24.1353, 46.5467 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 24.5109, 24.1353, 46.5467 by changing the saturation by 10% instead.

■ 24.5109, 24.1353,
46.5467

■ 24.5109, 24.1353,
46.5467

267.7861,
273.5038, 389.3435

■ 15.8398, 15.4340,
32.3257

■ 50.3113, 50.2509,
86.3795

■ 9.5010, 9.1246,
21.3435

■ 68.1713, 68.4340,
112.8283

■ 5.1291, 4.8225,
13.1816

■ 89.8250, 90.5465,
144.1901

■ 2.3587, 2.1435,
7.4215

115.6377,
116.9728, 180.8835

■ 0.8245, 0.6889,
3.6447

145.9748,
148.0973, 223.3270

■ 0.0000, 0.0000,
1.4325

181.2017,

■ 0.0000, 0.0000,

184.3044, 271.9392

0.1669

221.6837,
225.9784, 327.1385

■ 0.0000, 0.0000,
0.0000

■ 24.5109, 24.1353,
46.5467

■ 24.5109, 24.1353,
46.5467

■ 20.3890, 19.2928,
45.8297

■ 29.3731, 29.7583,
47.3762

■ 16.9679, 15.1929,
45.2186

■ 35.0076, 36.1919,
48.3211

■ 14.2082, 11.7986,
44.7089

■ 41.4473, 43.4679,
49.3860

■ 12.0652, 9.0687,
44.2949

■ 48.7225, 51.6155,
50.5752

■ 10.4887, 6.9571,
43.9705

■ 56.8621, 60.6626,
51.8925

■ 9.4196, 5.4115,
43.7285

■ 65.8933, 70.6357,
53.3415

■ 8.8878, 4.5944,
43.5988

■ 75.8424, 81.5604,
54.9258

■ 82.9578, 91.5144,
56.4721

■ 85.2383, 96.0753,
57.2323

Harmonies

Analogous

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



21.4161, 24.1353, 46.5216



24.5109, 24.1353, 46.5467



27.4240, 24.1353, 40.3748

Triad

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



24.5109, 24.1353, 46.5467



27.4424, 24.1353, 15.9515



17.6378, 24.1353, 22.0630

Complementary

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



24.5109, 24.1353, 46.5467



36.2767, 39.0894, 23.7230

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.



18.9733, 24.1353, 15.9180



24.5109, 24.1353, 46.5467



24.5342, 24.1353, 12.9710

Square

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



24.5109, 24.1353, 46.5467



29.2175, 24.1353, 22.1200



21.4375, 24.1353, 12.9603



17.6327, 24.1353, 30.9297

Rectangle

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



24.5109, 24.1353, 46.5467



28.7915, 24.1353, 34.2371



21.4375, 24.1353, 12.9603



17.9403, 24.1353, 19.6612

Sweetspot

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



24.5117, 24.1362, 46.5473



66.3750, 68.9111, 88.0974



31.2021, 39.5060, 42.6458



14.0108, 14.5143, 18.9853



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.5117, 24.1362, 46.5473



39.1540, 37.5647, 83.4817



25.5107, 22.3500, 46.1498



8.1774, 8.5009, 10.7162



6.2429, 3.2861, 30.4422



0.2372, 0.1850, 0.9714

Inverse Universe

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



29.8941, 25.0723, 25.4551



50.4637, 39.8695, 39.0859



34.9354, 41.8400, 24.3246



8.5647, 8.5326, 9.2062



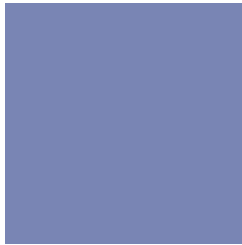
13.3858, 6.8719, 1.9255



0.4418, 0.2245, 0.1690

Previews

White Background



This preview shows how the XYZ color 24.5109, 24.1353, 46.5467 looks on a white background.

Color Contrast Check

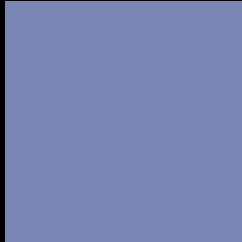
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5109, 24.1353, 46.5467 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 × Fail

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

XYZ 24.5109, 24.1353, 46.5467

Background



This preview shows how black text looks on a background with the XYZ color 24.5109, 24.1353, 46.5467.



This preview shows how white text looks on a background with the XYZ color 24.5109, 24.1353,

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

24.5109, 24.1353, 46.5467

Protanopia

24.5109, 24.1353, 46.5467

Deuteranopia

24.6518, 24.2079, 46.5533



Tritanopia

21.6771, 24.2447, 32.3913

Trichromacy



Original Color

24.5109, 24.1353, 46.5467

Protanomaly

24.5109, 24.1353, 46.5467

Deuteranomaly

24.6518, 24.2079, 46.5533

Tritanomaly

22.7148, 24.2464, 37.2010

Monochromacy



Original Color

24.5109, 24.1353, 46.5467

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.3169, 24.0304, 32.6876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5109, 24.1353, 46.5467 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(121, 133, 180)` looks like.

```
.text, #text, p{  
    color:rgb(121, 133, 180)  
}
```

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(121, 133, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 133, 180) }
```

Border

The CSS property to change the border of an element to XYZ 24.5109, 24.1353, 46.5467 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(121, 133, 180) }
```


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

```
.border{ border-color:rgb(121, 133, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 133, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 133, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 133, 180);  
box-shadow:4px 4px 4px 4px rgb(121, 133,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5109, 24.1353, 46.5467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 133, 180) }
```

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

```
.background{ background-color: rgb(121,  
133, 180) }
```

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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