

Converting Colors

XYZ(24.1517, 21.4989, 4.7106)

Have a look what the booklet for
XYZ(24.1517, 21.4989, 4.7106)
contains.

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Color

**XYZ(24.1598, 21.5154,
4.7132)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7326
RGB	175, 115, 38
RGB Percent	69%, 45%, 15%
CMY	0.3137, 0.5490, 0.8510
CMYK	0.00, 0.34, 0.78, 0.31
HSL	34°, 64%, 42%
HSV	34°, 78%, 69%
XYZ	24.1598, 21.5154, 4.7132
YIQ	124.1620, 60.4770, -11.2270

Conversions

Conversions Part 2

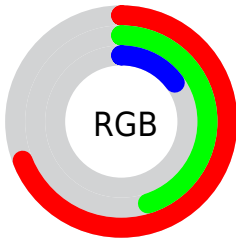
Format	Color
R_{YB}	145, 175, 38
Decimal	11498278
CIE Lab	53.51, 17.12, 49.62
CIE LCh	54, 52.491, 70.963
Yxy	21.5154, 0.4795, 0.4270
Android (android.graphics.Color)	4289688358 (0xFFAF7326)
YUV	124.1620, -42.4779, 44.5849
Hunter-Lab	46.3847, 11.7998, 26.4448

Details

The XYZ color **24.1598, 21.5154, 4.7132** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **12.9046, 12.2419, 42.2400**, and the grayscale version is **19.3360, 20.3430, 22.1535**.

A 20% lighter version of the original color is **49.8828, 46.0209, 15.7050**, and **9.3433, 7.7962, 1.0124** is the 20% darker color. If you saturate the color by 10%, you get **23.1032, 19.7530, 3.2805**, and if you desaturate by 10%, it is **25.4227, 23.4785, 6.8697**.

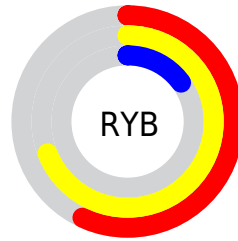
Distribution



Red (69%)

Green (45%)

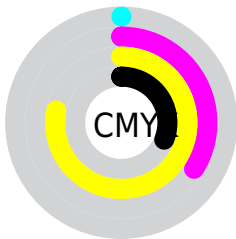
Blue (15%)



Red (57%)

Yellow (69%)

Blue (15%)

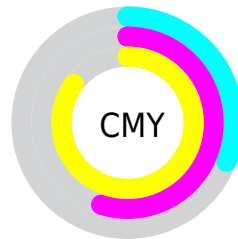


Cyan (0%)

Magenta (34%)

Yellow (78%)

Black (31%)



Cyan (31%)


Magenta (55%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1598, 21.5154, 4.7132 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 24.1598, 21.5154, 4.7132 by changing the saturation by 10% instead.


 24.1598, 21.5154,
4.7132


 24.1598, 21.5154,
4.7132


266.0529,
260.0050, 155.8503


 15.5776, 13.5013,
2.0242


 49.7436, 45.9437,
15.6238


 9.3147, 7.7746,
0.5701


 67.4759, 63.1267,
24.6825

 5.0058, 3.9511,
0.0000

 88.9890, 84.1348,
36.7015

 2.2854, 1.6462,
0.0000

 114.6482,
109.3523, 52.0994

 0.7872, 0.3885,
0.0000

 144.8188,
139.1637, 71.2947

 0.0000, 0.0000,
0.0000

 179.8662,

173.9534, 94.7059

220.1558,
214.1057, 122.7516

■ 24.1598, 21.5154,
4.7132

■ 24.1598, 21.5154,
4.7132

■ 23.1032, 19.7530,
3.2805

■ 25.4227, 23.4785,
6.8697

■ 22.2219, 18.1732,
2.4228

■ 26.9087, 25.6488,
9.8361

■ 22.0808, 17.9174,
2.2946

■ 28.6339, 28.0365,
13.6876

■ 30.6124, 30.6496,
18.4904

■ 32.8571, 33.4959,
24.3041

■ 35.3797, 36.5823,
31.1836

■ 38.1913, 39.9156,
39.1798

■ 41.3021, 43.5023,
48.3402

■ 44.7221, 47.3485,
58.7096

Harmonies

Analogous

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



29.6873, 21.5154, 8.4866



24.1598, 21.5154, 4.7132



18.4731, 21.5154, 4.3384

Triad

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



24.1598, 21.5154, 4.7132



11.6086, 21.5154, 29.7816



28.3362, 21.5154, 55.2070

Complementary

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



24.1598, 21.5154, 4.7132



12.9046, 12.2419, 42.2400

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.



22.5626, 21.5154, 68.5045



24.1598, 21.5154, 4.7132



13.3598, 21.5154, 49.9553

Square

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



24.1598, 21.5154, 4.7132



11.8792, 21.5154, 14.7522



17.1404, 21.5154, 66.2359



32.3857, 21.5154, 34.9700

Rectangle

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



24.1598, 21.5154, 4.7132



15.4034, 21.5154, 5.7035



17.1404, 21.5154, 66.2359



26.4929, 21.5154, 60.9773

Sweetspot

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



24.1603, 21.5165, 4.7136



60.9908, 62.6372, 49.3052



20.6556, 11.4136, 13.0826



13.2067, 13.4918, 10.0150



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



24.1603, 21.5165, 4.7136



40.1993, 33.2731, 4.7056



31.8601, 39.1410, 7.7096



8.3646, 8.7340, 8.4583



15.8750, 12.9554, 1.6639



0.4949, 0.4669, 0.0640

Inverse Universe

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



12.9046, 12.2419, 42.2400



19.2954, 16.1574, 74.7386



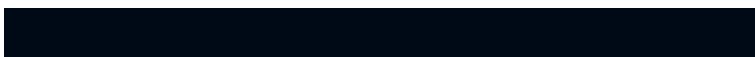
9.5067, 5.0360, 41.0282



7.8567, 8.3127, 10.1431



7.4829, 6.0996, 29.8275



0.2632, 0.2798, 0.8481

Previews

White Background



This preview shows how the XYZ color 24.1598, 21.5154, 4.7132 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 24.1598, 21.5154, 4.7132 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 24.1598, 21.5154, 4.7132

Background



This preview shows how black text looks on a background with the XYZ color 24.1598, 21.5154, 4.7132.



This preview shows how white text looks on a background with the XYZ color 24.1598, 21.5154,

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

24.1598, 21.5154, 4.7132

Protanopia

19.7698, 21.7970, 5.3557

Deuteranopia

21.9608, 21.6175, 4.6052



Tritanopia

27.1054, 21.5698, 19.2578

Trichromacy



Original Color

24.1598, 21.5154, 4.7132

Protanomaly

21.1255, 21.5440, 5.1428

Deuteranomaly

22.6411, 21.4280, 4.6118

Tritanomaly

25.8060, 21.5384, 12.0297

Monochromacy



Original Color

24.1598, 21.5154, 4.7132

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.1408, 20.3047, 13.2136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1598, 21.5154, 4.7132 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(175, 115, 38)` looks like.

```
.text, #text, p{  
    color:rgb(175, 115, 38)  
}
```

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(175, 115, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 115, 38) }
```

Border

The CSS property to change the border of an element to XYZ 24.1598, 21.5154, 4.7132 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(175, 115, 38) }
```


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

```
.border{ border-color:rgb(175, 115, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 115, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 115, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 115, 38);  
box-shadow:4px 4px 4px 4px rgb(175, 115,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1598, 21.5154, 4.7132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 115, 38) }
```

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

```
.background{ background-color: rgb(175,  
115, 38) }
```

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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