

Converting Colors

XYZ(24.0300, 21.6364, 3.5712)

Have a look what the booklet for
XYZ(24.0300, 21.6364, 3.5712)
contains.

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Color

**XYZ(24.0509, 21.6552,
3.5741)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7414
RGB	175, 116, 20
RGB Percent	69%, 45%, 8%
CMY	0.3137, 0.5451, 0.9215
CMYK	0.00, 0.34, 0.89, 0.31
HSL	37°, 79%, 38%
HSV	37°, 89%, 69%
XYZ	24.0509, 21.6552, 3.5741
YIQ	122.6970, 65.9800, -17.3480

Conversions

Conversions Part 2

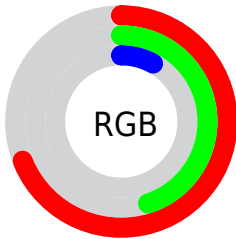
Format	Color
R_{YB}	115, 175, 20
Decimal	11498516
CIE _{Lab}	53.66, 16.00, 56.06
CIE _{LCh}	54, 58.303, 74.075
Yxy	21.6552, 0.4880, 0.4394
Android (android.graphics.Color)	4289688596 (0xFFAF7414)
YUV	122.6970, -50.6296, 45.8697
Hunter-Lab	46.5351, 10.8182, 28.0209

Details

The XYZ color **24.0509, 21.6552, 3.5741** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **10.8224, 8.8359, 41.6924**, and the grayscale version is **18.8738, 19.8567, 21.6239**.

A 20% lighter version of the original color is **49.5336, 46.1754, 12.9587**, and **9.4032, 7.9162, 1.0324** is the 20% darker color. If you saturate the color by 10%, you get **23.1982, 20.1302, 2.7348**, and if you desaturate by 10%, it is **25.0626, 23.3338, 4.9751**.

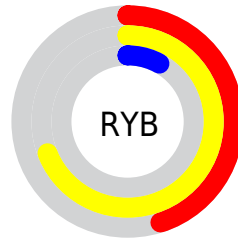
Distribution



Red (69%)

Green (45%)

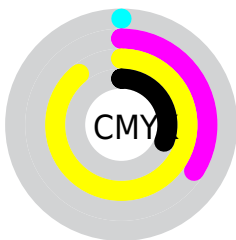
Blue (8%)



Red (45%)

Yellow (69%)

Blue (8%)

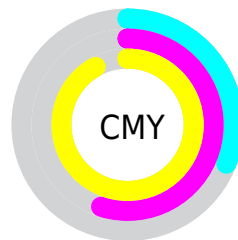


Cyan (0%)

Magenta (34%)

Yellow (89%)

Black (31%)



Cyan (31%)


Magenta (55%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0509, 21.6552, 3.5741 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 24.0509, 21.6552, 3.5741 by changing the saturation by 10% instead.


 24.0509, 21.6552,
3.5741


 24.0509, 21.6552,
3.5741


265.5134,
260.7403, 143.3669


 15.4963, 13.6038,
1.3947


 49.5673, 46.1755,
13.0149


 9.2570, 7.8456,
0.1376


 67.2599, 63.4131,
21.1135

 4.9677, 3.9963,
0.0000

 88.7291, 84.4815,
32.0222

 2.2629, 1.6715,
0.0000

 114.3404,
109.7652, 46.1596

 0.7756, 0.4051,
0.0000

 144.4592,
139.6486, 63.9442

 0.0000, 0.0000,
0.0000

 179.4507,

174.5159, 85.7946

219.6803,
214.7517, 112.1293

24.0509, 21.6552,
3.5741

24.0509, 21.6552,
3.5741

23.1982, 20.1302,
2.7348

25.0626, 23.3338,
4.9751

23.0829, 19.9215,
2.6286

26.2622, 25.1765,
7.0905

27.6678, 27.1932,
10.0082

29.2946, 29.3918,
13.8032

31.1561, 31.7791,
18.5415

■ 33.2646, 34.3617,
24.2830

■ 35.6315, 37.1458,
31.0823

■ 38.2672, 40.1370,
38.9903

■ 41.1816, 43.3408,
48.0545

Harmonies

Analogous

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



30.4542, 21.6552, 6.8508



24.0509, 21.6552, 3.5741



17.8024, 21.6552, 3.4931

Triad

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



24.0509, 21.6552, 3.5741



11.0055, 21.6552, 32.9540



30.1000, 21.6552, 57.8529

Complementary

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



24.0509, 21.6552, 3.5741



10.8224, 8.8359, 41.6924

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.



23.6383, 21.6552, 75.0316



24.0509, 21.6552, 3.5741



13.1144, 21.6552, 56.4378

Square

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



24.0509, 21.6552, 3.5741



11.0717, 21.6552, 15.3561



17.4649, 21.6552, 74.4122



34.3993, 21.6552, 34.3115

Rectangle

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



24.0509, 21.6552, 3.5741



14.5693, 21.6552, 5.0398



17.4649, 21.6552, 74.4122



28.0576, 21.6552, 64.9913

Sweetspot

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



24.0514, 21.6563, 3.5745



60.0200, 62.0724, 44.7373



19.3560, 10.1851, 8.4232



13.0453, 13.4418, 9.1203



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.



24.0514, 21.6563, 3.5745



41.1239, 35.2450, 4.6355



29.3447, 37.8701, 6.4251



8.4027, 8.8102, 8.4710



16.5912, 14.3880, 1.9027



0.5121, 0.5014, 0.0698

Inverse Universe

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



10.8224, 8.8359, 41.6924



17.2167, 12.2602, 74.0959



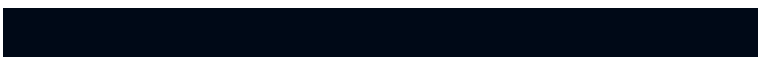
8.7907, 4.0094, 40.8679



7.8194, 8.2382, 10.1307



7.0176, 5.1691, 29.6724



0.2490, 0.2513, 0.8434

Previews

White Background



This preview shows how the XYZ color 24.0509, 21.6552, 3.5741 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 24.0509, 21.6552, 3.5741 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 24.0509, 21.6552, 3.5741

Background



This preview shows how black text looks on a background with the XYZ color 24.0509, 21.6552, 3.5741.



This preview shows how white text looks on a background with the XYZ color 24.0509, 21.6552,

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

24.0509, 21.6552, 3.5741

Protanopia

19.6922, 21.7862, 4.0314

Deuteranopia

22.1500, 21.7401, 3.4808



Tritanopia

27.3373, 21.6894, 19.2686

Trichromacy



Original Color

24.0509, 21.6552, 3.5741

Protanomaly

21.0726, 21.5451, 3.8586

Deuteranomaly

22.7540, 21.6889, 3.5174

Tritanomaly

25.5297, 21.4279, 10.5750

Monochromacy



Original Color

24.0509, 21.6552, 3.5741

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.5515, 19.8556, 11.6061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0509, 21.6552, 3.5741 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, 116, 20)` looks like.

```
.text, #text, p{  
    color:rgb(175, 116, 20)  
}
```

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, 116, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 116, 20) }
```

Border

The CSS property to change the border of an element to XYZ 24.0509, 21.6552, 3.5741 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, 116, 20) }
```


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

```
.border{ border-color:rgb(175, 116, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 116, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 116, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 116, 20);  
box-shadow:4px 4px 4px 4px rgb(175, 116,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0509, 21.6552, 3.5741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 116, 20) }
```

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

```
.background{ background-color: rgb(175,  
116, 20) }
```

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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