

Converting Colors

XYZ(53.0688, 46.9618, 24.0318)

Have a look what the booklet for
XYZ(53.0688, 46.9618, 24.0318)
contains.

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Color

**XYZ(53.1209, 46.9671,
24.0351)**

Conversions

Conversions Part 1

Format	Color
Hex	F1A578
RGB	241, 165, 120
RGB Percent	95%, 65%, 47%
CMY	0.0549, 0.3529, 0.5294
CMYK	0.00, 0.32, 0.50, 0.05
HSL	22°, 81%, 71%
HSV	22°, 50%, 95%
XYZ	53.1209, 46.9671, 24.0351
YIQ	182.5940, 59.7410, 2.1170

Conversions

Conversions Part 2

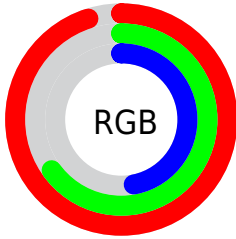
Format	Color
R_{YB}	241, 192, 120
Decimal	15836536
CIE _{Lab}	74.17, 23.20, 34.59
CIE _{LCh}	74, 41.650, 56.153
Yxy	46.9671, 0.4280, 0.3784
Android (android.graphics.Color)	4294026616 (0xFFFF1A578)
YUV	182.5940, -30.8588, 51.2221
Hunter-Lab	68.5325, 18.4268, 27.1791

Details

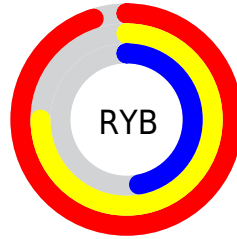
The XYZ color **53.1209, 46.9671, 24.0351** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **43.3618, 49.8215, 90.5498**, and the grayscale version is **44.9291, 47.2689, 51.4759**.

A 20% lighter version of the original color is **74.3760, 75.4635, 50.1810**, and **26.3339, 22.2103, 8.8603** is the 20% darker color. If you saturate the color by 10%, you get **49.2680, 41.3148, 16.4205**, and if you desaturate by 10%, it is **57.6673, 53.4175, 33.6975**.

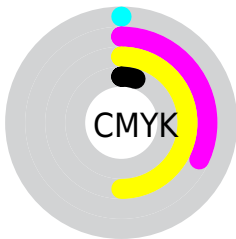
Distribution



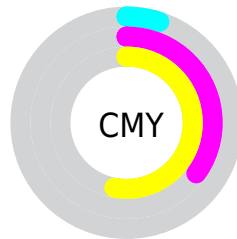
- Red (95%)
- Green (65%)
- Blue (47%)



- Red (95%)
- Yellow (75%)
- Blue (47%)



- Cyan (0%)
- Magenta (32%)
- Yellow (50%)
- Black (5%)





- Cyan (5%)
- Magenta (35%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1209, 46.9671, 24.0351 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 53.1209, 46.9671, 24.0351 by changing the saturation by 10% instead.


 53.1209, 46.9671,
24.0351

 53.1209, 46.9671,
24.0351


389.0021,
374.6832, 286.2902


 38.1272, 33.0096,
15.1472

 93.9467, 85.6645,
51.0320

 26.2591, 22.1338,
8.7750


 120.5095,
111.1733, 69.9781

 17.1512, 13.9553,
4.4999


 151.6594,
141.3012, 93.1141

 10.4384, 8.0896,
1.9034

187.7617,
176.4328, 120.8584

 5.7550, 4.1523,
0.4949

229.1817,
216.9524, 153.6296

 2.7359, 1.7591,
0.0000

276.2849,

 1.0157, 0.4615,

263.2444, 191.8463

0.0000

329.4366,
315.6932, 235.9270

■ 0.0000, 0.0000,
0.0000

■ 53.1209, 46.9671,
24.0351

■ 53.1209, 46.9671,
24.0351

■ 49.2680, 41.3148,
16.4205

■ 57.6673, 53.4175,
33.6975

■ 46.0657, 36.4199,
10.6989

■ 62.9397, 60.6905,
45.5415

■ 43.4711, 32.2482,
6.6975


■ 68.9725, 68.8180,
59.6925

■ 41.4332, 28.7590,
4.2099

■ 75.7965, 77.8280,
76.2656

■ 39.9013, 25.9523,
2.9063

■ 83.4409, 87.7471,
95.3683

 90.0855, 97.4407,
108.6677

Harmonies

Analogous

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



58.8020, 46.9671, 35.0778



53.1209, 46.9671, 24.0351



45.6106, 46.9671, 20.1152

Triad

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



53.1209, 46.9671, 24.0351



31.7981, 46.9671, 48.4309



51.2701, 46.9671, 97.6164

Complementary

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



53.1209, 46.9671, 24.0351



43.3618, 49.8215, 90.5498

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.



43.6849, 46.9671, 104.0871



53.1209, 46.9671, 24.0351



32.9580, 46.9671, 71.4792

Square

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



53.1209, 46.9671, 24.0351



33.7508, 46.9671, 31.4926



37.1150, 46.9671, 93.4343



57.6525, 46.9671, 77.6178

Rectangle

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



53.1209, 46.9671, 24.0351



40.7660, 46.9671, 20.9478



37.1150, 46.9671, 93.4343



48.7537, 46.9671, 101.6491

Sweetspot

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



53.1220, 46.9694, 24.0360



82.3014, 83.3957, 77.2345



53.0283, 36.1485, 56.7860



17.2685, 17.3907, 15.6902



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.



53.1220, 46.9694, 24.0360



56.0206, 46.9839, 18.6866



66.5549, 73.8351, 28.5136



16.2544, 16.7219, 16.5207



21.7561, 14.3104, 1.6155



1.9022, 1.3751, 0.1652

Inverse Universe

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



43.3618, 49.8215, 90.5498



43.7446, 50.4750, 102.0448



32.4462, 27.9903, 86.9113



15.7246, 16.8832, 20.1516



14.7760, 15.7763, 47.3942



1.3242, 1.5024, 3.9744

Previews

White Background



This preview shows how the XYZ color 53.1209, 46.9671, 24.0351 looks on a white background.

Color Contrast Check

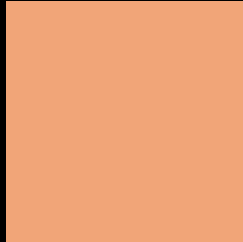
Large Text (above 18pt) WCAG AA × Fail

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 53.1209, 46.9671, 24.0351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

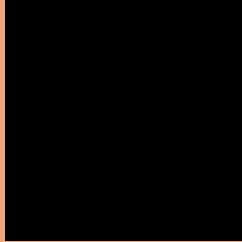
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1209, 46.9671, 24.0351

Background



This preview shows how black text looks on a background with the XYZ color 53.1209, 46.9671, 24.0351.



This preview shows how white text looks on a background with the XYZ color 53.1209, 46.9671,

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

53.1209, 46.9671, 24.0351

Protanopia

43.7902, 47.2696, 26.8946

Deuteranopia

48.1152, 47.1836, 23.7109



Tritanopia

57.1387, 46.7685, 44.0459

Trichromacy



Original Color

53.1209, 46.9671, 24.0351

Protanomaly

46.6040, 46.6520, 25.6172

Deuteranomaly

49.8876, 46.9517, 23.8860

Tritanomaly

55.7206, 46.9898, 35.8389

Monochromacy



Original Color

53.1209, 46.9671, 24.0351

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.7723, 46.4261, 39.7537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1209, 46.9671, 24.0351 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(241, 165, 120)` looks like.

```
.text, #text, p{  
    color:rgb(241, 165, 120)  
}
```

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(241, 165, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 165, 120) }
```

Border

The CSS property to change the border of an element to XYZ 53.1209, 46.9671, 24.0351 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(241, 165, 120) }
```


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

```
.border{ border-color:rgb(241, 165, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 165, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 165, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 165, 120);  
box-shadow:4px 4px 4px 4px rgb(241, 165,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1209, 46.9671, 24.0351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 165, 120) }
```

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

```
.background{ background-color: rgb(241,  
165, 120) }
```

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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