

Converting Colors

XYZ(53.8839, 48.4285, 22.7061)

Have a look what the booklet for
XYZ(53.8839, 48.4285, 22.7061)
contains.

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Color

**XYZ(53.9004, 48.4910,
22.7385)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A973
RGB	242, 169, 115
RGB Percent	95%, 66%, 45%
CMY	0.0510, 0.3372, 0.5490
CMYK	0.00, 0.30, 0.52, 0.05
HSL	26°, 83%, 70%
HSV	26°, 52%, 95%
XYZ	53.9004, 48.4910, 22.7385
YIQ	184.6710, 60.8420, -1.3180

Conversions

Conversions Part 2

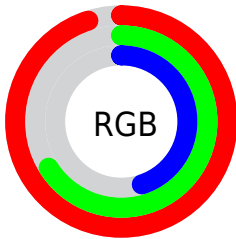
Format	Color
R_{YB}	242, 209, 115
Decimal	15903091
CIE _{Lab}	75.13, 21.04, 38.47
CIE _{LCh}	75, 43.849, 61.320
Yxy	48.4910, 0.4308, 0.3875
Android (android.graphics.Color)	4294093171 (0xFFFF2A973)
YUV	184.6710, -34.3478, 50.2775
Hunter-Lab	69.6355, 16.3034, 29.3845

Details

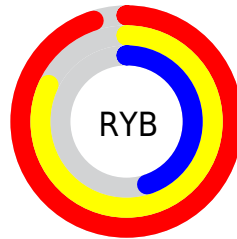
The XYZ color **53.9004, 48.4910, 22.7385** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.0795, 46.0199, 90.7216**, and the grayscale version is **46.0935, 48.4939, 52.8099**.

A 20% lighter version of the original color is **74.9635, 77.3985, 48.0342**, and **26.8439, 23.1715, 8.0588** is the 20% darker color. If you saturate the color by 10%, you get **50.2351, 43.1042, 15.5250**, and if you desaturate by 10%, it is **58.2088, 54.5793, 31.9704**.

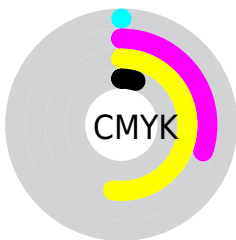
Distribution



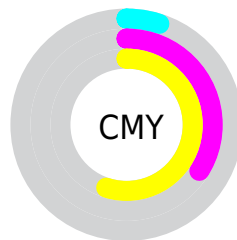
- Red (95%)
- Green (66%)
- Blue (45%)



- Red (95%)
- Yellow (82%)
- Blue (45%)



- Cyan (0%)
- Magenta (30%)
- Yellow (52%)
- Black (5%)





- Cyan (5%)
- Magenta (34%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9004, 48.4910, 22.7385 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 53.9004, 48.4910, 22.7385 by changing the saturation by 10% instead.


 53.9004, 48.4910,
22.7385


 53.9004, 48.4910,
22.7385


391.9346,
380.7350, 279.4573

 38.7524, 34.2159,
14.1971

 95.0857, 87.9350,
48.8813

 26.7470, 23.0595,
8.1175


 121.8538,
113.8727, 67.3198

 17.5189, 14.6374,
4.0814


 153.2259,
144.4667, 89.8943

 10.7027, 8.5653,
1.6701

189.5674,
180.1014, 117.0235

 5.9331, 4.4588,
0.3401

231.2437,
221.1611, 149.1258

 2.8447, 1.9334,
0.0000

278.6201,

 1.0722, 0.5683,

268.0304, 186.6199

0.0000

332.0619,
321.0936, 229.9242

■ 0.0017, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9004, 48.4910,
22.7385

■ 53.9004, 48.4910,
22.7385

■ 50.2351, 43.1042,
15.5250

■ 58.2088, 54.5793,
31.9704

■ 47.1717, 38.3830,
10.1702


■ 63.1912, 61.3889,
43.3580


■ 44.6684, 34.2982,
6.4943


■ 68.8802, 68.9473,
57.0299


■ 42.6751, 30.8145,
4.2795

■ 75.3052, 77.2782,
73.1034

 41.4589, 28.5595,
3.3274

 82.4938, 86.4044,
91.6879

 89.6232, 96.0080,
108.4155

 90.4278, 97.6171,
108.6837

Harmonies

Analogous

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



60.5717, 48.4910, 32.9934



53.9004, 48.4910, 22.7385



45.7347, 48.4910, 19.7899

Triad

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



53.9004, 48.4910, 22.7385



32.3170, 48.4910, 53.8230



54.5867, 48.4910, 100.2775

Complementary

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



53.9004, 48.4910, 22.7385



41.0795, 46.0199, 90.7216

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.



46.4456, 48.4910, 110.4646



53.9004, 48.4910, 22.7385



34.1214, 48.4910, 79.2697

Square

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



53.9004, 48.4910, 22.7385



33.8314, 48.4910, 34.2990



39.0717, 48.4910, 101.8468



60.9992, 48.4910, 76.9803

Rectangle

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



53.9004, 48.4910, 22.7385



40.7025, 48.4910, 21.3980



39.0717, 48.4910, 101.8468



51.9315, 48.4910, 105.6085

Sweetspot

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



53.9016, 48.4934, 22.7394



82.1332, 83.5854, 75.5570



51.9431, 34.8168, 52.1744



17.2587, 17.4746, 15.3678



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.



53.9016, 48.4934, 22.7394



56.3140, 48.1501, 16.9980



68.4050, 77.5002, 27.5739



16.3254, 16.8639, 16.5443



22.4012, 15.6004, 1.8305



1.9602, 1.4910, 0.1845

Inverse Universe

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



41.0795, 46.0199, 90.7216



40.4056, 45.0253, 101.1689



30.5053, 24.8715, 87.1968



15.6517, 16.7374, 20.1273



13.7151, 13.6545, 47.0406



1.2394, 1.3327, 3.9461

Previews

White Background



This preview shows how the XYZ color 53.9004, 48.4910, 22.7385 looks on a white background.

Color Contrast Check

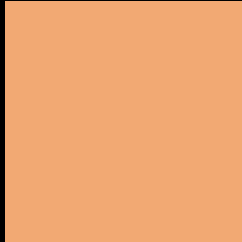
Large Text (above 18pt) WCAG AA × Fail

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 53.9004, 48.4910, 22.7385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

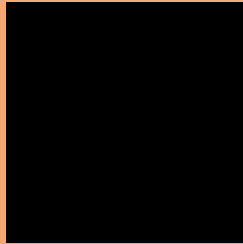
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9004, 48.4910, 22.7385

Background



This preview shows how black text looks on a background with the XYZ color 53.9004, 48.4910, 22.7385.



This preview shows how white text looks on a background with the XYZ color 53.9004, 48.4910,

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

53.9004, 48.4910, 22.7385

Protanopia

44.8875, 48.4959, 25.0840

Deuteranopia

49.4432, 48.4838, 22.3752



Tritanopia

58.9181, 48.6708, 46.3335

Trichromacy



Original Color

53.9004, 48.4910, 22.7385

Protanomaly

47.7688, 48.1710, 24.2330

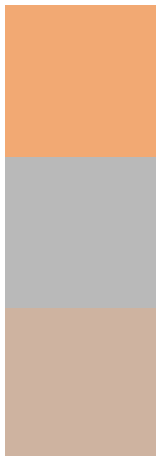
Deuteranomaly

51.1283, 48.4759, 22.5816

Tritanomaly

56.8611, 48.6227, 36.5252

Monochromacy



Original Color

53.9004, 48.4910, 22.7385

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.9189, 47.9001, 39.9777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9004, 48.4910, 22.7385 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(242, 169, 115)` looks like.

```
.text, #text, p{  
    color:rgb(242, 169, 115)  
}
```

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(242, 169, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 169, 115) }
```

Border

The CSS property to change the border of an element to XYZ 53.9004, 48.4910, 22.7385 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(242, 169, 115) }
```


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

```
.border{ border-color:rgb(242, 169, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 169, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 169, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 169, 115);  
box-shadow:4px 4px 4px 4px rgb(242, 169,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9004, 48.4910, 22.7385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 169, 115) }
```

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

```
.background{ background-color: rgb(242,  
169, 115) }
```

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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