

Converting Colors

XYZ(53.4648, 48.5760, 21.3101)

Have a look what the booklet for
XYZ(53.4648, 48.5760, 21.3101)
contains.

XYZ(53.4648, 48.5760, 21.3101)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.4648, 48.5760,
21.3101)**

Conversions

Conversions Part 1

Format	Color
Hex	F1AA6E
RGB	241, 170, 110
RGB Percent	95%, 67%, 43%
CMY	0.0549, 0.3333, 0.5686
CMYK	0.00, 0.29, 0.54, 0.05
HSL	27°, 82%, 69%
HSV	27°, 54%, 95%
XYZ	53.4648, 48.5760, 21.3101
YIQ	184.3890, 61.5760, -3.6080

Conversions

Conversions Part 2

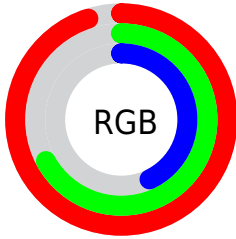
Format	Color
R _Y B	241, 221, 110
Decimal	15837806
CIE Lab	75.19, 19.70, 41.10
CIE LCh	75, 45.575, 64.394
Yxy	48.5760, 0.4334, 0.3938
Android (android.graphics.Color)	4294027886 (0xFFFF1AA6E)
YUV	184.3890, -36.6738, 49.6478
Hunter-Lab	69.6965, 14.9601, 30.6593

Details

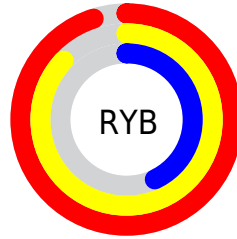
The XYZ color **53.4648, 48.5760, 21.3101** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.8306, 42.7117, 89.4162**, and the grayscale version is **45.9490, 48.3419, 52.6444**.

A 20% lighter version of the original color is **74.7761, 77.7548, 45.7174**, and **26.5854, 23.2282, 7.3572** is the 20% darker color. If you saturate the color by 10%, you get **49.9990, 43.4666, 14.5381**, and if you desaturate by 10%, it is **57.5330, 54.3195, 30.0440**.

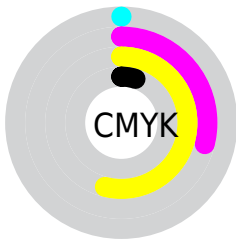
Distribution



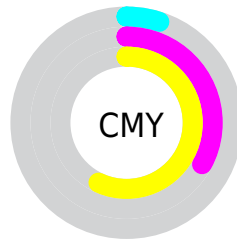
- Red (95%)
- Green (67%)
- Blue (43%)



- Red (95%)
- Yellow (87%)
- Blue (43%)



- Cyan (0%)
- Magenta (29%)
- Yellow (54%)
- Black (5%)





- Cyan (5%)
- Magenta (33%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4648, 48.5760, 21.3101 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 53.4648, 48.5760, 21.3101 by changing the saturation by 10% instead.


 53.4648, 48.5760,
21.3101


 53.4648, 48.5760,
21.3101


390.2976,
381.0707, 271.7569


 38.4029, 34.2833,
13.1574

 94.4495, 88.0614,
46.4905


 26.4742, 23.1113,
7.4050


 121.1030,
114.0228, 64.3554

 17.3133, 14.6757,
3.6344


 152.3510,
144.6426, 86.2946

 10.5548, 8.5921,
1.4270

 188.5591,
180.3052, 112.7269

 5.8334, 4.4761,
0.1626

230.0924,
221.3949, 144.0708

 2.7837, 1.9433,
0.0000

277.3163,

 1.0404, 0.5742,

268.2961, 180.7447

0.0000

330.5963,
321.3932, 223.1672

■ 0.0000, 0.0000,
0.0000

■ 53.4648, 48.5760,
21.3101

■ 53.4648, 48.5760,
21.3101

■ 49.9990, 43.4666,
14.5381

■ 57.5330, 54.3195,
30.0440

■ 47.0954, 38.9580,
9.5665

■ 62.2332, 60.7139,
40.8779

■ 44.7132, 35.0241,
6.2123

■ 67.5970, 67.7842,
53.9406

■ 42.8026, 31.6325,
4.2512

■ 73.6525, 75.5517,
69.3498

■ 41.8937, 29.9373,
3.5704

■ 80.4262, 84.0366,
87.2147

87.9430, 93.2583,
107.6375

90.0854, 97.4407,
108.6677

Harmonies

Analogous

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



60.7314, 48.5760, 30.9307



53.4648, 48.5760, 21.3101



44.9504, 48.5760, 19.0078

Triad

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



53.4648, 48.5760, 21.3101



31.9365, 48.5760, 56.4939



55.8497, 48.5760, 100.6492

Complementary

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



53.4648, 48.5760, 21.3101



38.8306, 42.7117, 89.4162

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.



47.4115, 48.5760, 113.2851



53.4648, 48.5760, 21.3101



34.1448, 48.5760, 83.3606

Square

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



53.4648, 48.5760, 21.3101



33.1483, 48.5760, 35.3986



39.5709, 48.5760, 106.1584



62.2207, 48.5760, 75.3643

Rectangle

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



53.4648, 48.5760, 21.3101



39.8494, 48.5760, 21.0866



39.5709, 48.5760, 106.1584



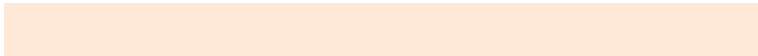
53.1260, 48.5760, 106.8140

Sweetspot

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



53.4660, 48.5784, 21.3110



82.5106, 84.3401, 75.6828



50.3003, 33.2325, 48.0468



17.3484, 17.6539, 15.3976



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.



53.4660, 48.5784, 21.3110



56.5401, 48.9583, 15.9762



68.6410, 78.9285, 26.3694



16.3693, 16.9518, 16.5590



22.8495, 16.4971, 1.9800



1.9992, 1.5691, 0.1975

Inverse Universe

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



38.8306, 42.7117, 89.4162



38.3294, 41.6272, 100.6224



28.6170, 22.2844, 86.0117



15.6070, 16.6482, 20.1124



13.1193, 12.4627, 46.8420



1.1908, 1.2356, 3.9299

Previews

White Background



This preview shows how the XYZ color 53.4648, 48.5760, 21.3101 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 53.4648, 48.5760, 21.3101 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 53.4648, 48.5760, 21.3101

Background



This preview shows how black text looks on a background with the XYZ color 53.4648, 48.5760, 21.3101.



This preview shows how white text looks on a background with the XYZ color 53.4648, 48.5760,

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

53.4648, 48.5760, 21.3101

Protanopia

45.0684, 48.9353, 23.5931

Deuteranopia

49.8465, 48.7172, 21.2442



Tritanopia

58.5663, 48.4895, 46.3170

Trichromacy



Original Color

53.4648, 48.5760, 21.3101

Protanomaly

47.6774, 48.4564, 22.7597

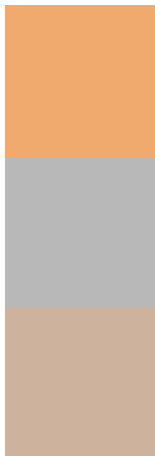
Deuteranomaly

50.8514, 48.3652, 21.1232

Tritanomaly

56.3493, 48.3777, 35.6461

Monochromacy



Original Color

53.4648, 48.5760, 21.3101

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.3827, 47.6537, 38.5990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4648, 48.5760, 21.3101 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, 170, 110)` looks like.

```
.text, #text, p{  
    color:rgb(241, 170, 110)  
}
```

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, 170, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 170, 110) }
```

Border

The CSS property to change the border of an element to XYZ 53.4648, 48.5760, 21.3101 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, 170, 110) }
```


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

```
.border{ border-color:rgb(241, 170, 110) }
```

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

Here you see how a box with a 4 pixel rgb(241, 170, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 170, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 170, 110);  
box-shadow:4px 4px 4px 4px rgb(241, 170,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4648, 48.5760, 21.3101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 170, 110) }
```

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

```
.background{ background-color: rgb(241,  
170, 110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor