

Converting Colors

XYZ(53.4551, 47.5320, 26.6078)

Have a look what the booklet for
XYZ(53.4551, 47.5320, 26.6078)
contains.

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Color

**XYZ(53.6502, 47.7212,
26.8055)**

Conversions

Conversions Part 1

Format	Color
Hex	F0A780
RGB	240, 167, 128
RGB Percent	94%, 65%, 50%
CMY	0.0588, 0.3451, 0.4980
CMYK	0.00, 0.30, 0.47, 0.06
HSL	21°, 79%, 72%
HSV	21°, 47%, 94%
XYZ	53.6502, 47.7212, 26.8055
YIQ	184.3810, 56.0270, 3.3470

Conversions

Conversions Part 2

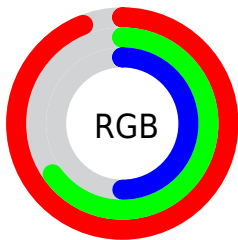
Format	Color
R _Y B	240, 188, 128
Decimal	15771520
CIE Lab	74.65, 22.49, 30.94
CIE LCh	75, 38.254, 53.987
Yxy	47.7212, 0.4186, 0.3723
Android (android.graphics.Color)	4293961600 (0xFFFF0A780)
YUV	184.3810, -27.7958, 48.7779
Hunter-Lab	69.0805, 17.7380, 25.3499

Details

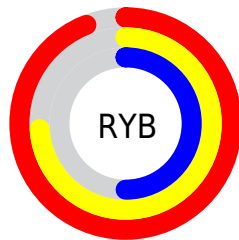
The XYZ color **53.6502, 47.7212, 26.8055** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **45.5160, 52.6516, 90.2018**, and the grayscale version is **45.8991, 48.2894, 52.5871**.

A 20% lighter version of the original color is **75.7018, 76.8387, 54.5575**, and **26.5619, 22.6353, 10.1768** is the 20% darker color. If you saturate the color by 10%, you get **49.5593, 41.7755, 18.5485**, and if you desaturate by 10%, it is **58.4637, 54.5142, 37.1473**.

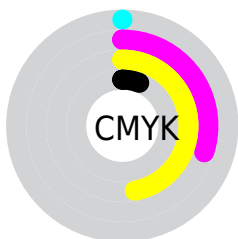
Distribution



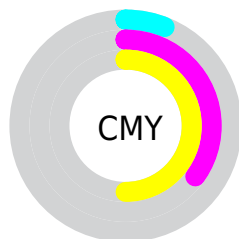
- Red (94%)
- Green (65%)
- Blue (50%)



- Red (94%)
- Yellow (74%)
- Blue (50%)



- Cyan (0%)
- Magenta (30%)
- Yellow (47%)
- Black (6%)





- Cyan (6%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6502, 47.7212, 26.8055 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 53.6502, 47.7212, 26.8055 by changing the saturation by 10% instead.

 53.6502, 47.7212,
26.8055


 53.6502, 47.7212,
26.8055


390.9949,
377.6860, 300.4445


 38.5516, 33.6062,
17.1961

 94.7204, 86.7892,
55.5715

 26.5903, 22.5912,
10.2109


 121.4226,
112.5109, 75.5652

 17.4007, 14.2919,
5.4316


 152.7236,
142.8702, 99.8574

 10.6177, 8.3240,
2.4395

188.9884,
178.2517, 128.8666

 5.8758, 4.3030,
0.8079

230.5827,
219.0396, 163.0113

 2.8096, 1.8444,
0.0000

277.8716,

 1.0539, 0.5146,

265.6183, 202.7102

0.0000

331.2205,
318.3723, 248.3817

■ 0.0000, 0.0000,
0.0000

■ 53.6502, 47.7212,
26.8055

■ 53.6502, 47.7212,
26.8055

■ 49.5593, 41.7755,
18.5485

■ 58.4637, 54.5142,
37.1473

■ 46.1483, 36.6348,
12.2287

■ 64.0321, 62.1806,
49.7023

■ 43.3752, 32.2633,
7.6829

■ 70.3898, 70.7539,
64.5914

■ 41.1905, 28.6189,
4.7196

■ 77.5680, 80.2634,
81.9262

■ 39.5345, 25.6539,
3.0978

■ 85.5961, 90.7375,
101.8108

■ 39.0732, 24.8013,
2.7278

■ 89.7451, 97.2652,
108.6517

Harmonies

Analogous

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



58.6504, 47.7212, 37.9421



53.6502, 47.7212, 26.8055



46.7676, 47.7212, 22.5033

Triad

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



53.6502, 47.7212, 26.8055



33.3569, 47.7212, 48.0649



50.9917, 47.7212, 95.1952

Complementary

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



53.6502, 47.7212, 26.8055



45.5160, 52.6516, 90.2018

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.



43.9762, 47.7212, 99.8892



53.6502, 47.7212, 26.8055



34.2422, 47.7212, 69.0650

Square

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



53.6502, 47.7212, 26.8055



35.4124, 47.7212, 32.6005



37.9668, 47.7212, 89.3351



57.0094, 47.7212, 77.7769

Rectangle

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



53.6502, 47.7212, 26.8055



42.2133, 47.7212, 23.0348



37.9668, 47.7212, 89.3351



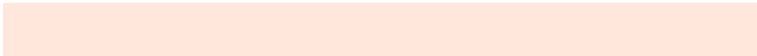
48.6542, 47.7212, 98.4717

Sweetspot

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



53.6514, 47.7235, 26.8064



82.8472, 83.9533, 79.0632



54.3943, 38.2599, 60.8101



17.3664, 17.4813, 16.0469



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.



53.6514, 47.7235, 26.8064



57.0841, 48.2510, 21.6924



65.7761, 71.9730, 30.8480



16.2230, 16.6591, 16.5102



21.5015, 13.8012, 1.5306



1.8786, 1.3278, 0.1573

Inverse Universe

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



45.5160, 52.6516, 90.2018



46.6531, 54.4689, 102.6624



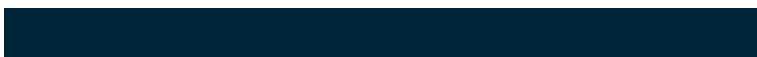
35.0126, 31.6449, 86.7007



15.7571, 16.9483, 20.1625



15.2854, 16.7950, 47.5640



1.3643, 1.5826, 3.9878

Previews

White Background



This preview shows how the XYZ color 53.6502, 47.7212, 26.8055 looks on a white background.

Color Contrast Check

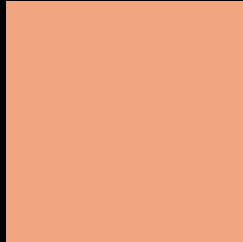
Large Text (above 18pt) WCAG AA × Fail

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 53.6502, 47.7212, 26.8055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

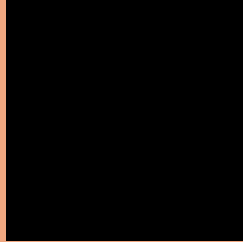
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6502, 47.7212, 26.8055

Background



This preview shows how black text looks on a background with the XYZ color 53.6502, 47.7212, 26.8055.



This preview shows how white text looks on a background with the XYZ color 53.6502, 47.7212,

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

53.6502, 47.7212, 26.8055

Protanopia

44.8024, 48.0360, 29.8322

Deuteranopia

48.8064, 47.7727, 26.3873



Tritanopia

57.5959, 47.7400, 45.7143

Trichromacy



Original Color

53.6502, 47.7212, 26.8055

Protanomaly

47.5258, 47.6529, 28.5228

Deuteranomaly

50.4529, 47.7503, 26.6363

Tritanomaly

56.1451, 47.6834, 38.1429

Monochromacy



Original Color

53.6502, 47.7212, 26.8055

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.5231, 47.3585, 41.7583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6502, 47.7212, 26.8055 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(240, 167, 128)` looks like.

```
.text, #text, p{  
    color:rgb(240, 167, 128)  
}
```

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(240, 167, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 167, 128) }
```

Border

The CSS property to change the border of an element to XYZ 53.6502, 47.7212, 26.8055 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(240, 167, 128) }
```


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

```
.border{ border-color:rgb(240, 167, 128) }
```

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

Here you see how a box with a 4 pixel rgb(240, 167, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 167, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 167, 128);  
box-shadow:4px 4px 4px 4px rgb(240, 167,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6502, 47.7212, 26.8055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 167, 128) }
```

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

```
.background{ background-color: rgb(240,  
167, 128) }
```

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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