

Converting Colors

XYZ(53.8784, 47.2833, 25.7317)

Have a look what the booklet for
XYZ(53.8784, 47.2833, 25.7317)
contains.

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Color

**XYZ(53.7748, 47.2682,
25.6915)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A57D
RGB	242, 165, 125
RGB Percent	95%, 65%, 49%
CMY	0.0510, 0.3529, 0.5098
CMYK	0.00, 0.32, 0.48, 0.05
HSL	21°, 82%, 72%
HSV	21°, 48%, 95%
XYZ	53.7748, 47.2682, 25.6915
YIQ	183.4630, 58.7320, 3.8840

Conversions

Conversions Part 2

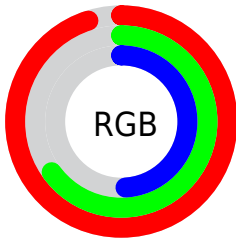
Format	Color
RYB	242, 186, 125
Decimal	15902077
CIELab	74.36, 24.05, 32.21
CIELCh	74, 40.198, 53.248
Yxy	47.2682, 0.4243, 0.3730
Android (android.graphics.Color)	4294092157 (0xFFFF2A57D)
YUV	183.4630, -28.8223, 51.3369
Hunter-Lab	68.7519, 19.2994, 25.9706

Details

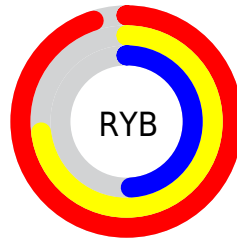
The XYZ color **53.7748, 47.2682, 25.6915** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **45.6040, 53.0096, 91.8325**, and the grayscale version is **45.3961, 47.7602, 52.0109**.

A 20% lighter version of the original color is **74.8691, 75.6608, 52.7774**, and **26.7036, 22.3855, 9.5700** is the 20% darker color. If you saturate the color by 10%, you get **49.7174, 41.3335, 17.6188**, and if you desaturate by 10%, it is **58.5688, 54.0736, 35.8686**.

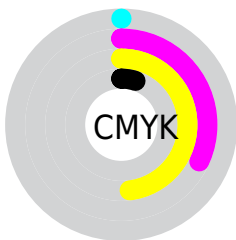
Distribution



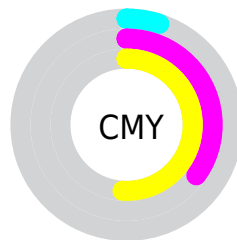
- Red (95%)
- Green (65%)
- Blue (49%)



- Red (95%)
- Yellow (73%)
- Blue (49%)



- Cyan (0%)
- Magenta (32%)
- Yellow (48%)
- Black (5%)



- Cyan (5%)
- Magenta (35%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7748, 47.2682, 25.6915 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 53.7748, 47.2682, 25.6915 by changing the saturation by 10% instead.

53.7748, 47.2682,
25.6915

53.7748, 47.2682,
25.6915

391.4631,
375.8841, 294.8215

38.6516, 33.2477,
16.3693

94.9023, 86.1138,
53.7548

26.6683, 22.3163,
9.6287

121.6374,
111.7078, 73.3330

17.4596, 14.0895,
5.0511

152.9738,
141.9283, 97.1669

10.6600, 8.1829,
2.2180

189.2768,
177.1599, 125.6751

5.9043, 4.2122,
0.6847

230.9119,
217.7868, 159.2761

2.8271, 1.7930,
0.0000

278.2444,

1.0630, 0.4828,

264.1936, 198.3885

0.0000

331.6397,
316.7645, 243.4308

■ 0.0000, 0.0000,
0.0000

■ 53.7748, 47.2682,
25.6915

■ 53.7748, 47.2682,
25.6915

■ 49.7174, 41.3335,
17.6188

■ 58.5688, 54.0736,
35.8686

■ 46.3523, 36.2252,
11.4968

■ 64.1335, 61.7776,
48.2833

■ 43.6350, 31.9051,
7.1549

■ 70.5046, 70.4152,
63.0610

■ 41.5133, 28.3287,
4.3913

■ 77.7147, 80.0176,
80.3168

■ 39.9183, 25.4429,
2.9220

■ 85.7942, 90.6143,
100.1585

■ 39.6918, 25.0250,
2.7383

■ 90.4279, 97.6172,
108.6837

Harmonies

Analogous

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



58.9581, 47.2682, 37.2895



53.7748, 47.2682, 25.6915



46.5824, 47.2682, 21.1763

Triad

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



53.7748, 47.2682, 25.6915



32.4806, 47.2682, 46.9240



50.6443, 47.2682, 97.4335

Complementary

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



53.7748, 47.2682, 25.6915



45.6040, 53.0096, 91.8325

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.



43.3113, 47.2682, 102.0313



53.7748, 47.2682, 25.6915



33.3198, 47.2682, 68.8475

Square

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



53.7748, 47.2682, 25.6915



34.6778, 47.2682, 31.1206



37.1072, 47.2682, 90.4402



57.0195, 47.2682, 79.1736

Rectangle

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



53.7748, 47.2682, 25.6915



41.8140, 47.2682, 21.6130



37.1072, 47.2682, 90.4402



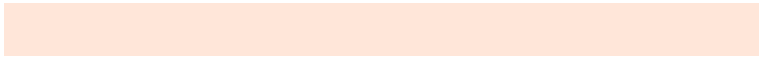
48.1908, 47.2682, 100.7992

Sweetspot

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



53.7760, 47.2705, 25.6924



81.9810, 82.7551, 77.1277



54.7313, 37.8567, 60.9226



17.1919, 17.2374, 15.6647



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.



53.7760, 47.2705, 25.6924



56.0699, 46.6653, 19.9896



66.5740, 72.8665, 29.9584



16.2146, 16.6424, 16.5074



21.4367, 13.6715, 1.5090



1.8724, 1.3156, 0.1552

Inverse Universe

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



45.6040, 53.0096, 91.8325



45.8204, 53.7420, 102.5660



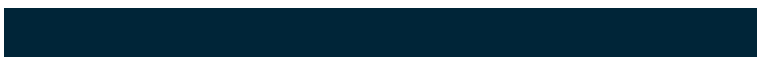
34.5340, 30.8696, 88.1425



15.7658, 16.9658, 20.1654



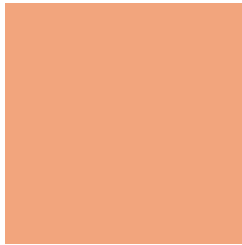
15.4256, 17.0755, 47.6108



1.3753, 1.6045, 3.9914

Previews

White Background



This preview shows how the XYZ color 53.7748, 47.2682, 25.6915 looks on a white background.

Color Contrast Check

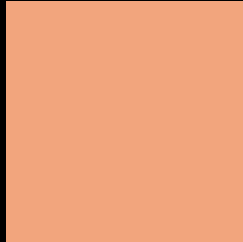
Large Text (above 18pt) WCAG AA × Fail

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 53.7748, 47.2682, 25.6915 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 53.7748, 47.2682, 25.6915

Background



This preview shows how black text looks on a background with the XYZ color 53.7748, 47.2682, 25.6915.



This preview shows how white text looks on a background with the XYZ color 53.7748, 47.2682,

25.6915.

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

53.7748, 47.2682, 25.6915

Protanopia

44.1931, 47.4307, 29.0161

Deuteranopia

48.4203, 47.3056, 25.3178



Tritanopia

57.7549, 47.3294, 44.6195

Trichromacy



Original Color

53.7748, 47.2682, 25.6915

Protanomaly

46.9952, 46.8085, 27.6771

Deuteranomaly

50.1959, 47.0750, 25.5096

Tritanomaly

56.2338, 47.2353, 36.7253

Monochromacy



Original Color

53.7748, 47.2682, 25.6915

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.9488, 46.4967, 40.6827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7748, 47.2682, 25.6915 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, 165, 125)` looks like.

```
.text, #text, p{  
    color:rgb(242, 165, 125)  
}
```

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, 165, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 165, 125) }
```

Border

The CSS property to change the border of an element to XYZ 53.7748, 47.2682, 25.6915 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, 165, 125) }
```


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

```
.border{ border-color:rgb(242, 165, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 165, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 165, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 165, 125); box-shadow:4px 4px 4px 4px rgb(242, 165, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7748, 47.2682, 25.6915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 165, 125) }
```

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

```
.background{ background-color: rgb(242,  
165, 125) }
```

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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