

Converting Colors

XYZ(53.8590, 47.8036, 18.8263)

Have a look what the booklet for
XYZ(53.8590, 47.8036, 18.8263)
contains.

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Color

**XYZ(53.6414, 47.6245,
18.6772)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A665
RGB	245, 166, 101
RGB Percent	96%, 65%, 40%
CMY	0.0392, 0.3490, 0.6039
CMYK	0.00, 0.32, 0.59, 0.04
HSL	27°, 88%, 68%
HSV	27°, 59%, 96%
XYZ	53.6414, 47.6245, 18.6772
YIQ	182.2110, 67.9490, -3.4670

Conversions

Conversions Part 2

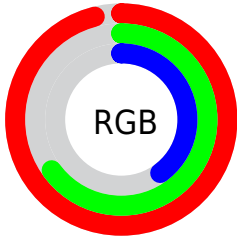
Format	Color
R _Y B	245, 219, 101
Decimal	16098917
CIE Lab	74.59, 22.73, 45.06
CIE LCh	75, 50.470, 63.228
Yxy	47.6245, 0.4472, 0.3971
Android (android.graphics.Color)	4294288997 (0xFFFF5A665)
YUV	182.2110, -40.0370, 55.0660
Hunter-Lab	69.0105, 17.9785, 32.2609

Details

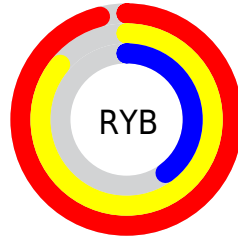
The XYZ color **53.6414, 47.6245, 18.6772** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **38.1687, 41.9999, 92.4809**, and the grayscale version is **44.7650, 47.0963, 51.2879**.

A 20% lighter version of the original color is **72.8462, 75.2728, 40.8267**, and **26.6224, 22.5879, 6.0887** is the 20% darker color. If you saturate the color by 10%, you get **50.2985, 42.5821, 12.4975**, and if you desaturate by 10%, it is **57.5996, 53.3255, 26.8276**.

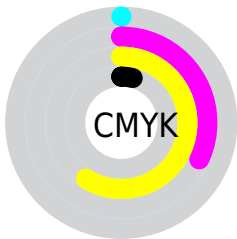
Distribution



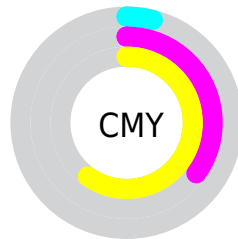
- Red (96%)
- Green (65%)
- Blue (40%)



- Red (96%)
- Yellow (86%)
- Blue (40%)



- Cyan (0%)
- Magenta (32%)
- Yellow (59%)
- Black (4%)





- Cyan (4%)
- Magenta (35%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6414, 47.6245, 18.6772 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 53.6414, 47.6245, 18.6772 by changing the saturation by 10% instead.


 53.6414, 47.6245,
18.6772


 53.6414, 47.6245,
18.6772


390.9618,
377.3018, 257.0239

 38.5446, 33.5296,
11.2628


 94.7075, 86.6451,
42.0173


 26.5847, 22.5325,
6.1275


 121.4075,
112.3395, 58.7802

 17.3966, 14.2487,
2.8527


 152.7059,
142.6693, 79.4962

 10.6147, 8.2938,
1.0199

 188.9681,
178.0188, 104.5841

 5.8738, 4.2835,
0.0000

230.5594,
218.7724, 134.4622

 2.8084, 1.8334,
0.0000

277.8452,

 1.0533, 0.5079,

265.3145, 169.5492

0.0000

331.1909,
318.0295, 210.2636

■ 0.0000, 0.0000,
0.0000

■ 53.6414, 47.6245,
18.6772

■ 53.6414, 47.6245,
18.6772

■ 50.2985, 42.5821,
12.4975

■ 57.5996, 53.3255,
26.8276

■ 47.5269, 38.1623,
8.1102

■ 62.2061, 59.7043,
37.1005

■ 45.2806, 34.3356,
5.3085

■ 67.4951, 66.7880,
49.6355

■ 43.4939, 31.0618,
3.7894

■ 73.4970, 74.6000,
64.5595

■ 43.2969, 30.6941,
3.6426

■ 80.2405, 83.1621,
81.9901

87.7524, 92.4954,
102.0368

91.4660, 98.1524,
108.7323

Harmonies

Analogous

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



61.5932, 47.6245, 28.8986



53.6414, 47.6245, 18.6772



44.2845, 47.6245, 16.1165

Triad

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



53.6414, 47.6245, 18.6772



29.9052, 47.6245, 54.7373



55.5813, 47.6245, 106.2959

Complementary

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



53.6414, 47.6245, 18.6772



38.1687, 41.9999, 92.4809

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.



46.2612, 47.6245, 119.9787



53.6414, 47.6245, 18.6772



32.1132, 47.6245, 84.5666

Square

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



53.6414, 47.6245, 18.6772



31.3335, 47.6245, 32.3474



37.8106, 47.6245, 110.9291



62.8148, 47.6245, 77.9544

Rectangle

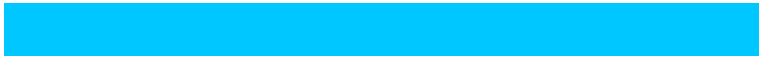
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.6414, 47.6245, 18.6772



38.6900, 47.6245, 18.0199



37.8106, 47.6245, 110.9291



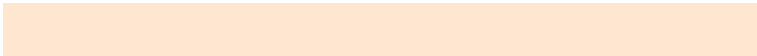
52.5471, 47.6245, 113.1250

Sweetspot

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



53.6425, 47.6269, 18.6781



81.0079, 82.3622, 72.0145



50.5686, 32.0236, 46.8032



16.9074, 17.0732, 14.3218



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.



53.6425, 47.6269, 18.6781



54.3094, 45.4238, 12.3750



70.5213, 81.3845, 24.3044



17.1152, 17.7145, 17.3147



23.4591, 16.8037, 2.0070



2.1630, 1.6792, 0.2101

Inverse Universe

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



38.1687, 41.9999, 92.4809



35.8654, 38.6642, 100.1804



27.2323, 20.1272, 88.8355



16.3347, 17.4337, 21.0467



13.6417, 13.0772, 48.3432



1.3016, 1.3546, 4.2831

Previews

White Background



This preview shows how the XYZ color 53.6414, 47.6245, 18.6772 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 53.6414, 47.6245, 18.6772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

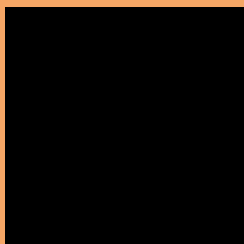
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6414, 47.6245, 18.6772

Background



This preview shows how black text looks on a background with the XYZ color 53.6414, 47.6245, 18.6772.



This preview shows how white text looks on a background with the XYZ color 53.6414, 47.6245,

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

53.6414, 47.6245, 18.6772

Protanopia

44.1515, 47.8991, 20.8283

Deuteranopia

48.6334, 47.5683, 18.4227



Tritanopia

58.9069, 47.6800, 44.1286

Trichromacy



Original Color

53.6414, 47.6245, 18.6772

Protanomaly

47.1854, 47.3696, 20.0209

Deuteranomaly

50.3315, 47.5810, 18.5879

Tritanomaly

56.5671, 47.4905, 32.9732

Monochromacy



Original Color

53.6414, 47.6245, 18.6772

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.4519, 46.3297, 36.6312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6414, 47.6245, 18.6772 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(245, 166, 101)` looks like.

```
.text, #text, p{  
    color:rgb(245, 166, 101)  
}
```

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(245, 166, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 166, 101) }
```

Border

The CSS property to change the border of an element to XYZ 53.6414, 47.6245, 18.6772 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(245, 166, 101) }
```


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

```
.border{ border-color:rgb(245, 166, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 166, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 166, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 166, 101);  
box-shadow:4px 4px 4px 4px rgb(245, 166,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6414, 47.6245, 18.6772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 166, 101) }
```

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

```
.background{ background-color: rgb(245,  
166, 101) }
```

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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