

Converting Colors

XYZ(54.0515, 46.6082, 14.1301)

Have a look what the booklet for
XYZ(54.0515, 46.6082, 14.1301)
contains.

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Color

**XYZ(54.0515, 46.6082,
14.1301)**

Conversions

Conversions Part 1

Format	Color
Hex	FBA152
RGB	251, 161, 82
RGB Percent	98%, 63%, 32%
CMY	0.0157, 0.3686, 0.6784
CMYK	0.00, 0.36, 0.67, 0.02
HSL	28°, 95%, 65%
HSV	28°, 67%, 98%
XYZ	54.0515, 46.6082, 14.1301
YIQ	178.9040, 78.9990, -5.4890

Conversions

Conversions Part 2

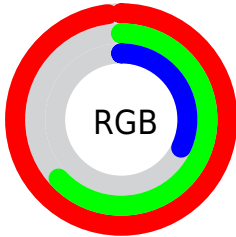
Format	Color
R _Y B	251, 230, 82
Decimal	16490834
CIE Lab	73.94, 26.58, 53.81
CIE LCh	74, 60.017, 63.711
Yxy	46.6082, 0.4709, 0.4060
Android (android.graphics.Color)	4294680914 (0xFFFB152)
YUV	178.9040, -47.7737, 63.2282
Hunter-Lab	68.2702, 21.8508, 35.5177

Details

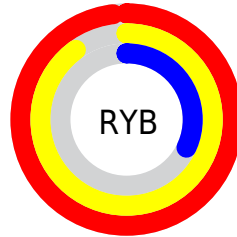
The XYZ color **54.0515, 46.6082, 14.1301** is a light color, and the websafe version is hex **FF9933**. The color can be described as light muted orange. A complement of this color would be **35.6438, 38.2618, 96.7727**, and the grayscale version is **43.0148, 45.2549, 49.2826**.

A 20% lighter version of the original color is **70.0989, 72.0930, 32.7750**, and **26.9382, 21.9782, 4.0507** is the 20% darker color. If you saturate the color by 10%, you get **51.0532, 41.8710, 9.2493**, and if you desaturate by 10%, it is **57.6508, 51.9892, 20.9345**.

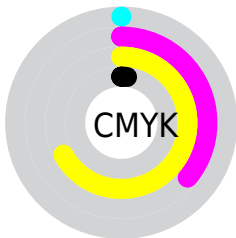
Distribution



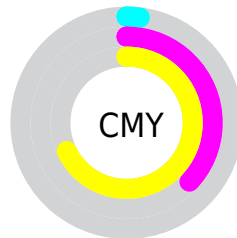
- Red (98%)
- Green (63%)
- Blue (32%)



- Red (98%)
- Yellow (90%)
- Blue (32%)



- Cyan (0%)
- Magenta (36%)
- Yellow (67%)
- Black (2%)





- Cyan (2%)
- Magenta (37%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0515, 46.6082, 14.1301 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 54.0515, 46.6082, 14.1301 by changing the saturation by 10% instead.


 54.0515, 46.6082,
14.1301


 54.0515, 46.6082,
14.1301


392.5015,
373.2484, 229.4952

 38.8737, 32.7260,
8.0714

 95.3063, 85.1285,
34.0401

 26.8417, 21.9167,
4.0523


 122.1140,
110.5354, 48.7286


 17.5904, 13.7957,
1.6541


 153.5290,
140.5527, 67.1307

 10.7542, 7.9787,
0.3290

 189.9167,
175.5647, 89.6650

 5.9679, 4.0813,
0.0000

 231.6425,
215.9559, 116.7501

 2.8660, 1.7192,
0.0000

279.0716,

 1.0833, 0.4360,

262.1107, 148.8044

0.0000

332.5695,
314.4134, 186.2466

■ 0.0111, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0515, 46.6082,
14.1301

■ 54.0515, 46.6082,
14.1301

■ 51.0532, 41.8710,
9.2493

■ 57.6508, 51.9892,
20.9345

■ 48.6046, 37.7387,
6.0750

■ 61.8896, 58.0356,
29.8424

■ 46.6465, 34.1766,
4.3307

■ 66.8061, 64.7759,
41.0156

■ 46.1844, 33.3111,
3.9955

■ 72.4344, 72.2349,
54.5991

78.8058, 80.4356,
70.7258

85.9498, 89.4001,
89.5188

93.4558, 98.9740,
108.7860

93.5934, 99.2491,
108.8318

Harmonies

Analogous

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



63.7137, 46.6082, 24.5669



54.0515, 46.6082, 14.1301



42.9814, 46.6082, 11.7339

Triad

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



54.0515, 46.6082, 14.1301



26.7766, 46.6082, 54.6584



56.7281, 46.6082, 117.2402

Complementary

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



54.0515, 46.6082, 14.1301



35.6438, 38.2618, 96.7727

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.



45.6447, 46.6082, 135.1845



54.0515, 46.6082, 14.1301



29.2940, 46.6082, 90.9798

Square

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



54.0515, 46.6082, 14.1301



28.2949, 46.6082, 28.8685



35.7976, 46.6082, 124.0319



65.4255, 46.6082, 81.5758

Rectangle

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



54.0515, 46.6082, 14.1301



36.5305, 46.6082, 13.6576



35.7976, 46.6082, 124.0319



53.0990, 46.6082, 126.0762

Sweetspot

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



54.0526, 46.6106, 14.1310



79.8391, 81.0196, 68.5571



50.2601, 29.5277, 42.1476



16.6869, 16.8255, 13.6530



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.



54.0526, 46.6106, 14.1310



51.9099, 41.7312, 8.1642



74.0697, 86.6448, 20.8033



17.9136, 18.5630, 18.1013



24.4194, 17.7955, 2.1478



2.3667, 1.8582, 0.2339

Inverse Universe

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



35.6438, 38.2618, 96.7727



31.5922, 32.4632, 99.2087



24.3522, 15.6787, 93.0089



17.0484, 18.1736, 21.9946



13.7565, 12.8686, 49.7324



1.3802, 1.4041, 4.6415

Previews

White Background



This preview shows how the XYZ color 54.0515, 46.6082, 14.1301 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 54.0515, 46.6082, 14.1301 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 54.0515, 46.6082, 14.1301

Background



This preview shows how black text looks on a background with the XYZ color 54.0515, 46.6082, 14.1301.



This preview shows how white text looks on a background with the XYZ color 54.0515, 46.6082,

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

54.0515, 46.6082, 14.1301

Protanopia

42.8882, 46.7337, 16.2113

Deuteranopia

47.7189, 46.6204, 13.8807



Tritanopia

59.3321, 46.7228, 41.0132

Trichromacy



Original Color

54.0515, 46.6082, 14.1301

Protanomaly

46.3310, 46.1596, 15.2719

Deuteranomaly

49.8969, 46.6173, 13.9576

Tritanomaly

57.0646, 46.5690, 28.5353

Monochromacy



Original Color

54.0515, 46.6082, 14.1301

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.9634, 44.4978, 32.6047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0515, 46.6082, 14.1301 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(251, 161, 82)` looks like.

```
.text, #text, p{  
    color:rgb(251, 161, 82)  
}
```

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(251, 161, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 161, 82) }
```

Border

The CSS property to change the border of an element to XYZ 54.0515, 46.6082, 14.1301 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(251, 161, 82) }
```


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

```
.border{ border-color:rgb(251, 161, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 161, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 161, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 161, 82);  
box-shadow:4px 4px 4px 4px rgb(251, 161,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0515, 46.6082, 14.1301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 161, 82) }
```

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

```
.background{ background-color: rgb(251,  
161, 82) }
```

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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