

Converting Colors

XYZ(52.4382, 46.3992, 18.3365)

Have a look what the booklet for
XYZ(52.4382, 46.3992, 18.3365)
contains.

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Color

**XYZ(52.5379, 46.5257,
18.2679)**

Conversions

Conversions Part 1

Format	Color
Hex	F3A464
RGB	243, 164, 100
RGB Percent	95%, 64%, 39%
CMY	0.0471, 0.3568, 0.6078
CMYK	0.00, 0.33, 0.59, 0.05
HSL	27°, 86%, 67%
HSV	27°, 59%, 95%
XYZ	52.5379, 46.5257, 18.2679
YIQ	180.3250, 67.6280, -3.1560

Conversions

Conversions Part 2

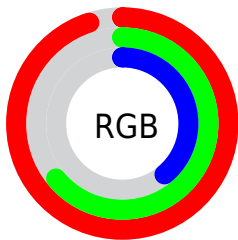
Format	Color
R _Y B	243, 216, 100
Decimal	15967332
CIE Lab	73.89, 22.91, 44.67
CIE LCh	74, 50.198, 62.849
Yxy	46.5257, 0.4478, 0.3965
Android (android.graphics.Color)	4294157412 (0xFFFF3A464)
YUV	180.3250, -39.6002, 54.9660
Hunter-Lab	68.2098, 18.1208, 31.8678

Details

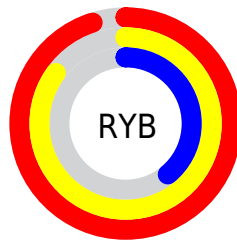
The XYZ color **52.5379, 46.5257, 18.2679** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **37.5525, 41.4187, 90.8091**, and the grayscale version is **43.7390, 46.0169, 50.1124**.

A 20% lighter version of the original color is **72.2390, 74.1900, 40.2185**, and **25.9202, 21.8946, 5.9919** is the 20% darker color. If you saturate the color by 10%, you get **49.2558, 41.5715, 12.2113**, and if you desaturate by 10%, it is **56.4265, 52.1320, 26.2575**.

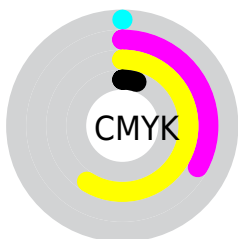
Distribution



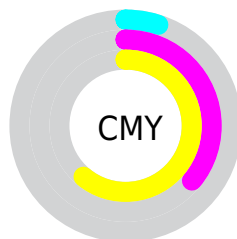
- Red (95%)
- Green (64%)
- Blue (39%)



- Red (95%)
- Yellow (85%)
- Blue (39%)



- Cyan (0%)
- Magenta (33%)
- Yellow (59%)
- Black (5%)



- Cyan (5%)
- Magenta (36%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5379, 46.5257, 18.2679 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 52.5379, 46.5257, 18.2679 by changing the saturation by 10% instead.

52.5379, 46.5257,
18.2679

52.5379, 46.5257,
18.2679

386.7996,
372.9181, 254.6634

37.6600, 32.6609,
10.9711

93.0936, 85.0052,
41.3134

25.8949, 21.8668,
5.9335

119.5021,
110.3887, 57.8991

16.8773, 13.7590,
2.7365

150.4848,
140.3805, 78.4182

10.2418, 7.9533,
0.9617

186.4072,
175.3650, 103.2892

5.6231, 4.0651,
0.0000

227.6345,
215.7266, 132.9307

2.6557, 1.7100,
0.0000

274.5321,

0.9744, 0.4301,

261.8497, 167.7612

0.0000

327.4653,
314.1188, 208.1993

■ 0.0000, 0.0000,
0.0000

■ 52.5379, 46.5257,
18.2679

■ 52.5379, 46.5257,
18.2679

■ 49.2558, 41.5715,
12.2113

■ 56.4265, 52.1320,
26.2575

■ 46.5368, 37.2339,
7.9127

■ 60.9540, 58.4096,
36.3290

■ 44.3357, 33.4835,
5.1693

■ 66.1541, 65.3855,
48.6193

■ 42.5871, 30.2802,
3.6805

■ 72.0570, 73.0827,
63.2532

■ 42.4056, 29.9418,
3.5443

■ 78.6908, 81.5232,
80.3457

■ 86.0818, 90.7276,
100.0045

■ 90.7720, 97.7946,
108.6998

Harmonies

Analogous

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



60.2902, 46.5257, 28.3732



52.5379, 46.5257, 18.2679



43.3723, 46.5257, 15.6831

Triad

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



52.5379, 46.5257, 18.2679



29.1796, 46.5257, 53.1452



54.2156, 46.5257, 104.2885

Complementary

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



52.5379, 46.5257, 18.2679



37.5525, 41.4187, 90.8091

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.



45.0812, 46.5257, 117.4457



52.5379, 46.5257, 18.2679



31.2959, 46.5257, 82.3272

Square

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



52.5379, 46.5257, 18.2679



30.6222, 46.5257, 31.3516



36.8322, 46.5257, 108.2989



61.3469, 46.5257, 76.6064

Rectangle

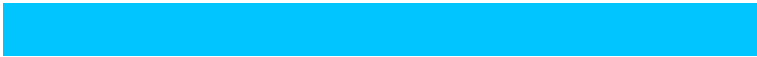
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.5379, 46.5257, 18.2679



37.8770, 46.5257, 17.4882



36.8322, 46.5257, 108.2989



51.2372, 46.5257, 110.9109

Sweetspot

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



52.5390, 46.5280, 18.2688



80.9590, 82.2643, 71.9981



49.8634, 31.5069, 47.1877



16.8955, 17.0494, 14.3179



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.



52.5390, 46.5280, 18.2688



54.1934, 45.1919, 12.3363



68.5335, 78.5171, 23.6003



17.1098, 17.7037, 17.3129



23.4039, 16.6934, 1.9886



2.1579, 1.6691, 0.2084

Inverse Universe

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



37.5525, 41.4187, 90.8091



35.9992, 38.9319, 100.2250



26.9593, 20.2323, 87.2781



16.3402, 17.4446, 21.0485



13.7123, 13.2184, 48.3667



1.3077, 1.3668, 4.2851

Previews

White Background



This preview shows how the XYZ color 52.5379, 46.5257, 18.2679 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 52.5379, 46.5257, 18.2679 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 52.5379, 46.5257, 18.2679

Background



This preview shows how black text looks on a background with the XYZ color 52.5379, 46.5257, 18.2679.



This preview shows how white text looks on a background with the XYZ color 52.5379, 46.5257,

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

52.5379, 46.5257, 18.2679

Protanopia

42.8827, 46.6386, 20.3777

Deuteranopia

47.5796, 46.4570, 18.0146



Tritanopia

57.6677, 46.5605, 42.9934

Trichromacy



Original Color

52.5379, 46.5257, 18.2679

Protanomaly

45.8530, 46.1065, 19.5794

Deuteranomaly

49.2600, 46.4733, 18.1783

Tritanomaly

55.3621, 46.3723, 32.0194

Monochromacy



Original Color

52.5379, 46.5257, 18.2679

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.3506, 45.2030, 35.6130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5379, 46.5257, 18.2679 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(243, 164, 100)` looks like.

```
.text, #text, p{  
    color:rgb(243, 164, 100)  
}
```

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(243, 164, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 164, 100) }
```

Border

The CSS property to change the border of an element to XYZ 52.5379, 46.5257, 18.2679 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(243, 164, 100) }
```


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

```
.border{ border-color:rgb(243, 164, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 164, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 164, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 164, 100);  
box-shadow:4px 4px 4px 4px rgb(243, 164,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5379, 46.5257, 18.2679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 164, 100) }
```

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

```
.background{ background-color: rgb(243,  
164, 100) }
```

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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