

Converting Colors

XYZ(82.3953, 52.6155, 17.4987)

Have a look what the booklet for
XYZ(82.3953, 52.6155, 17.4987)
contains.

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Color

**XYZ(50.4517, 36.0799,
16.1094)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7A63
RGB	255, 122, 99
RGB Percent	100%, 48%, 39%
CMY	0.0000, 0.5215, 0.6118
CMYK	0.00, 0.52, 0.61, 0.00
HSL	9°, 100%, 69%
HSV	9°, 61%, 100%
XYZ	50.4517, 36.0799, 16.1094
YIQ	159.1450, 86.6510, 21.0430

Conversions

Conversions Part 2

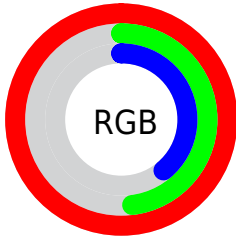
Format	Color
R _Y B	255, 126, 99
Decimal	16743011
CIE Lab	66.58, 48.89, 36.60
CIE LCh	67, 61.070, 36.822
Yxy	36.0799, 0.4915, 0.3515
Android (android.graphics.Color)	4294933091 (0xFFFF7A63)
YUV	159.1450, -29.6515, 84.0648
Hunter-Lab	60.0665, 44.8111, 26.1454

Details

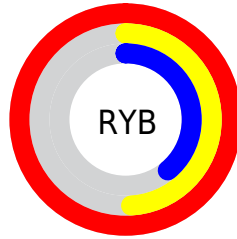
The XYZ color **50.4517, 36.0799, 16.1094** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **52.0502, 67.5818, 104.9086**, and the grayscale version is **33.1258, 34.8509, 37.9526**.

A 20% lighter version of the original color is **62.4672, 54.9063, 36.1598**, and **24.6793, 15.7196, 4.9823** is the 20% darker color. If you saturate the color by 10%, you get **47.0421, 30.9137, 9.8783**, and if you desaturate by 10%, it is **54.8447, 42.5979, 24.5670**.

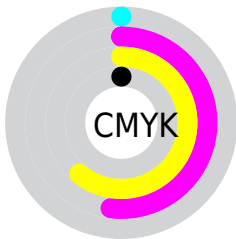
Distribution



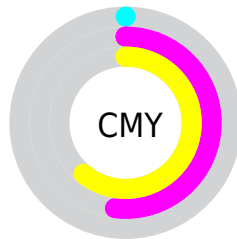
- Red (100%)
- Green (48%)
- Blue (39%)



- Red (100%)
- Yellow (49%)
- Blue (39%)



- Cyan (0%)
- Magenta (52%)
- Yellow (61%)
- Black (0%)





- Cyan (0%)
- Magenta (52%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4517, 36.0799, 16.1094 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 50.4517, 36.0799, 16.1094 by changing the saturation by 10% instead.


 50.4517, 36.0799,
16.1094


 50.4517, 36.0799,
16.1094


378.8526,
329.3096, 241.8541

 35.9917, 24.4959,
9.4464


 90.0316, 69.1554,
37.5575


 24.5979, 15.7019,
4.9327


 115.8822, 91.4156,
53.1796

 15.9048, 9.3135,
2.1498


 146.2604,
118.0035, 72.6252

 9.5473, 4.9462,
0.6452

 181.5315,
149.3032, 96.3128

 5.1598, 2.2157,
0.0000

222.0610,
185.6993, 124.6610

 2.3770, 0.7285,
0.0000

268.2141,

 0.8336, 0.0000,

227.5762, 158.0882

0.0000

320.3561,
275.3181, 197.0131

■ 0.0000, 0.0000,
0.0000

■ 50.4517, 36.0799,
16.1094

■ 50.4517, 36.0799,
16.1094

■ 47.0421, 30.9137,
9.8783

■ 54.8447, 42.5979,
24.5670

■ 44.5355, 26.9977,
5.6602

■ 60.2880, 50.5481,
35.4339

■ 42.8423, 24.2254,
3.2026

■ 66.8453, 60.0113,
48.8761

■ 41.9205, 22.6212,
2.1569

■ 74.5744, 71.0607,
65.0445

■ 83.5293, 83.7647,
84.0782

93.7604, 98.1877,
106.1067

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



54.9737, 36.0799, 33.5812



50.4517, 36.0799, 16.1094



41.7197, 36.0799, 8.7297

Triad

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



50.4517, 36.0799, 16.1094



20.4915, 36.0799, 22.5585



36.4325, 36.0799, 113.8880

Complementary

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



50.4517, 36.0799, 16.1094



52.0502, 67.5818, 104.9086

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.



27.8043, 36.0799, 106.4865



50.4517, 36.0799, 16.1094



19.5832, 36.0799, 45.6004

Square

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



50.4517, 36.0799, 16.1094



24.7648, 36.0799, 11.1230



22.0151, 36.0799, 78.0365



45.9965, 36.0799, 95.2347

Rectangle

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



50.4517, 36.0799, 16.1094



35.2808, 36.0799, 7.3421



22.0151, 36.0799, 78.0365



33.3236, 36.0799, 114.4585

Sweetspot

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



50.4526, 36.0818, 16.1100



77.2834, 74.9132, 70.7730



60.5818, 36.1358, 81.7744



16.0096, 15.2777, 14.0226



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.



50.4526, 36.0818, 16.1100



46.5202, 30.1091, 8.9656



63.6405, 62.4577, 20.5060



18.2255, 18.4192, 18.7390



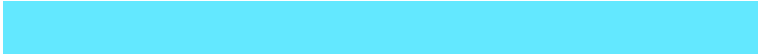
21.9689, 11.9491, 1.1485



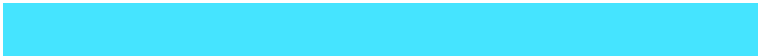
2.2002, 1.2857, 0.1322

Inverse Universe

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



52.0502, 67.5818, 104.9086



48.1124, 63.7172, 104.3706



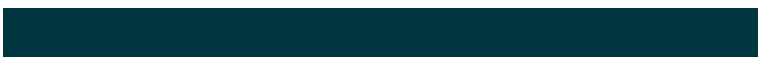
35.1178, 33.7170, 99.2645



18.3131, 19.9979, 23.1447



22.5365, 29.9827, 54.0340



2.2537, 3.0382, 5.2809

Previews

White Background



This preview shows how the XYZ color 50.4517, 36.0799, 16.1094 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 50.4517, 36.0799, 16.1094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

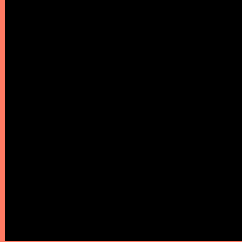
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4517, 36.0799, 16.1094

Background



This preview shows how black text looks on a background with the XYZ color 50.4517, 36.0799, 16.1094.



This preview shows how white text looks on a background with the XYZ color 50.4517, 36.0799,

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

50.4517, 36.0799, 16.1094

Protanopia

33.6940, 36.1924, 21.4296

Deuteranopia

36.9858, 36.2388, 15.4013



Tritanopia

51.6676, 35.9860, 24.3015

Trichromacy



Original Color

50.4517, 36.0799, 16.1094

Protanomaly

38.0959, 34.8089, 19.1789

Deuteranomaly

41.1014, 35.5312, 15.5184

Tritanomaly

51.1674, 35.9773, 21.0771

Monochromacy



Original Color

50.4517, 36.0799, 16.1094

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

37.0424, 33.8332, 28.2450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4517, 36.0799, 16.1094 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(255, 122, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 99)  
}
```

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(255, 122, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 99) }
```

Border

The CSS property to change the border of an element to XYZ 50.4517, 36.0799, 16.1094 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(255, 122, 99) }
```


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

```
.border{ border-color:rgb(255, 122, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 122, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4517, 36.0799, 16.1094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 99) }
```

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

```
.background{ background-color: rgb(255,  
122, 99) }
```

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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