

Converting Colors

XYZ(65.8419, 44.3487, 18.3946)

Have a look what the booklet for
XYZ(65.8419, 44.3487, 18.3946)
contains.

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Color

**XYZ(50.9975, 36.6952,
17.7596)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7C69
RGB	255, 124, 105
RGB Percent	100%, 49%, 41%
CMY	0.0000, 0.5137, 0.5882
CMYK	0.00, 0.51, 0.59, 0.00
HSL	8°, 100%, 71%
HSV	8°, 59%, 100%
XYZ	50.9975, 36.6952, 17.7596
YIQ	161.0030, 84.1750, 21.8630

Conversions

Conversions Part 2

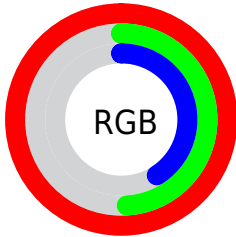
Format	Color
R _Y B	255, 127, 105
Decimal	16743529
CIE Lab	67.05, 48.33, 33.91
CIE LCh	67, 59.040, 35.056
Yxy	36.6952, 0.4836, 0.3480
Android (android.graphics.Color)	4294933609 (0xFFFF7C69)
YUV	161.0030, -27.6095, 82.4354
Hunter-Lab	60.5766, 44.2645, 25.0212

Details

The XYZ color **50.9975, 36.6952, 17.7596** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **53.8692, 70.2101, 105.3202**, and the grayscale version is **33.9756, 35.7450, 38.9263**.

A 20% lighter version of the original color is **63.4459, 55.9345, 39.3508**, and **24.9210, 16.0132, 5.6483** is the 20% darker color. If you saturate the color by 10%, you get **47.3952, 31.2833, 11.0334**, and if you desaturate by 10%, it is **55.6245, 43.5283, 26.7659**.

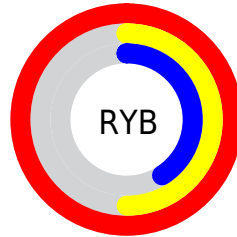
Distribution



Red (100%)

Green (49%)

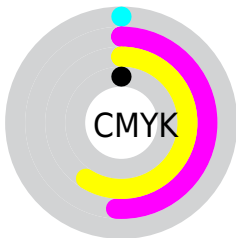
Blue (41%)



Red (100%)

Yellow (50%)

Blue (41%)

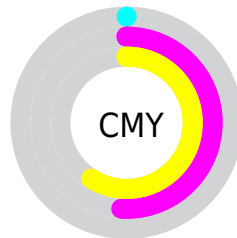


Cyan (0%)

Magenta (51%)

Yellow (59%)

Black (0%)



Cyan (0%)

Magenta (51%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9975, 36.6952, 17.7596 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 50.9975, 36.6952, 17.7596 by changing the saturation by 10% instead.


 50.9975, 36.6952,
17.7596


 50.9975, 36.6952,
17.7596


380.9419,
331.9890, 251.7030

 36.4277, 24.9716,
10.6099


 90.8341, 70.1038,
40.4357


 24.9363, 16.0559,
5.6943


 116.8315, 92.5575,
56.7991

 16.1581, 9.5637,
2.5943


 147.3689,
119.3567, 77.0708

 9.7276, 5.1107,
0.8895

 182.8115,
150.8858, 101.6694

 5.2796, 2.3123,
0.0000

223.5248,
187.5292, 131.0133

 2.4487, 0.7802,
0.0000

269.8740,

 0.8695, 0.0000,

229.6713, 165.5212

0.0000

322.2246,
277.6964, 205.6116

0.0000, 0.0000,
0.0000

50.9975, 36.6952,
17.7596

50.9975, 36.6952,
17.7596

47.3952, 31.2833,
11.0334

55.6245, 43.5283,
26.7659

44.7358, 27.1864,
6.3798

61.3443, 51.8674,
38.2311

42.9286, 24.2924,
3.5566

68.2222, 61.7974,
52.3184

41.8554, 22.4646,
2.2163

76.3176, 73.3953,
69.1764

41.7648, 22.3098,
2.1050

85.6858, 86.7330,
88.9425

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



55.0466, 36.6952, 35.7558



50.9975, 36.6952, 17.7596



42.6737, 36.6952, 9.8078

Triad

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



50.9975, 36.6952, 17.7596



21.4536, 36.6952, 22.5256



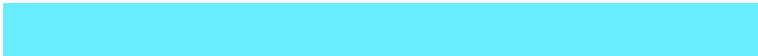
36.4207, 36.6952, 112.1749

Complementary

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



50.9975, 36.6952, 17.7596



53.8692, 70.2101, 105.3202

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.



28.0942, 36.6952, 103.6101



50.9975, 36.6952, 17.7596



20.3571, 36.6952, 44.4704

Square

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



50.9975, 36.6952, 17.7596



25.8749, 36.6952, 11.6163



22.5724, 36.6952, 75.5961



45.7584, 36.6952, 95.6048

Rectangle

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



50.9975, 36.6952, 17.7596



36.3863, 36.6952, 8.1728



22.5724, 36.6952, 75.5961



33.4114, 36.6952, 112.1916

Sweetspot

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



50.9984, 36.6972, 17.7602



77.0401, 74.4266, 70.6919



61.6508, 37.5070, 84.4944



15.9514, 15.1614, 14.0032



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.



50.9984, 36.6972, 17.7602



46.7390, 30.2831, 9.8515



63.8698, 62.4399, 22.0507



18.1948, 18.3578, 18.7288



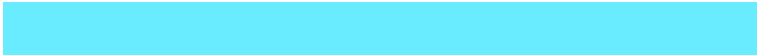
21.8803, 11.7718, 1.1190



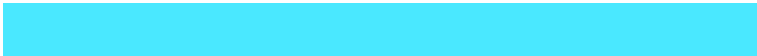
2.1858, 1.2570, 0.1274

Inverse Universe

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



53.8692, 70.2101, 105.3202



49.7433, 66.4200, 104.8063



36.8845, 36.2407, 99.6586



18.3469, 20.0654, 23.1560



23.2532, 31.4159, 54.2729



2.3166, 3.1640, 5.3019

Previews

White Background



This preview shows how the XYZ color 50.9975, 36.6952, 17.7596 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 50.9975, 36.6952, 17.7596 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 50.9975, 36.6952, 17.7596

Background



This preview shows how black text looks on a background with the XYZ color 50.9975, 36.6952, 17.7596.



This preview shows how white text looks on a background with the XYZ color 50.9975, 36.6952,

17.7596.

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

50.9975, 36.6952, 17.7596

Protanopia

34.2276, 36.6888, 23.3668

Deuteranopia

37.4293, 36.6836, 16.9123



Tritanopia

52.2288, 36.7908, 25.4677

Trichromacy



Original Color

50.9975, 36.6952, 17.7596

Protanomaly

38.7438, 35.5701, 21.0433

Deuteranomaly

41.5356, 35.9462, 17.0611

Tritanomaly

51.7741, 36.8064, 22.4647

Monochromacy



Original Color

50.9975, 36.6952, 17.7596

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

37.9033, 34.7050, 29.9003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9975, 36.6952, 17.7596 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, 124, 105)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 105)  
}
```

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, 124, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 105) }
```

Border

The CSS property to change the border of an element to XYZ 50.9975, 36.6952, 17.7596 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, 124, 105) }
```


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

```
.border{ border-color:rgb(255, 124, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 124, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 105);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9975, 36.6952, 17.7596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 105) }
```

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

```
.background{ background-color: rgb(255,  
124, 105) }
```

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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