

Converting Colors

XYZ(53.6927, 42.5274, 17.2962)

Have a look what the booklet for
XYZ(53.6927, 42.5274, 17.2962)
contains.

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Color

**XYZ(53.6175, 42.4117,
17.1647)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9163
RGB	255, 145, 99
RGB Percent	100%, 57%, 39%
CMY	0.0000, 0.4313, 0.6118
CMYK	0.00, 0.43, 0.61, 0.00
HSL	18°, 100%, 69%
HSV	18°, 61%, 100%
XYZ	53.6175, 42.4117, 17.1647
YIQ	172.6460, 80.3260, 9.0140

Conversions

Conversions Part 2

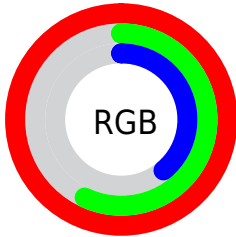
Format	Color
R _{YB}	255, 164, 99
Decimal	16748899
CIE Lab	71.15, 37.47, 42.22
CIE LCh	71, 56.454, 48.412
Yxy	42.4117, 0.4737, 0.3747
Android (android.graphics.Color)	4294938979 (0xFFFF9163)
YUV	172.6460, -36.3075, 72.2245
Hunter-Lab	65.1243, 32.9935, 29.9600

Details

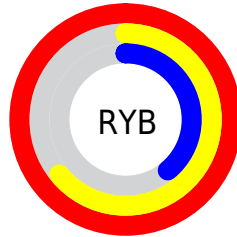
The XYZ color **53.6175, 42.4117, 17.1647** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.9944, 55.4702, 102.8897**, and the grayscale version is **39.6917, 41.7588, 45.4753**.

A 20% lighter version of the original color is **67.4802, 64.8029, 38.2298**, and **26.4824, 19.3964, 5.3657** is the 20% darker color. If you saturate the color by 10%, you get **50.0520, 36.9336, 10.8818**, and if you desaturate by 10%, it is **58.0046, 48.9177, 25.6204**.

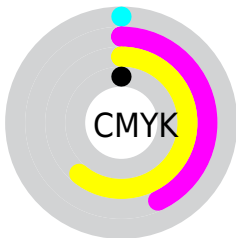
Distribution



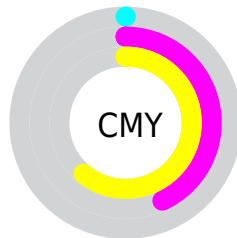
- Red (100%)
- Green (57%)
- Blue (39%)



- Red (100%)
- Yellow (64%)
- Blue (39%)



- Cyan (0%)
- Magenta (43%)
- Yellow (61%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6175, 42.4117, 17.1647 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 53.6175, 42.4117, 17.1647 by changing the saturation by 10% instead.


 53.6175, 42.4117,
17.1647


 53.6175, 42.4117,
17.1647


390.8719,
356.1868, 248.1957

 38.5254, 29.4238,
10.1888


 94.6726, 78.8223,
39.4033


 26.5698, 19.4017,
5.4171


 121.3663,
103.0139, 55.5030

 17.3853, 11.9609,
2.4310


 152.6579,
131.7087, 75.4811

 10.6066, 6.7170,
0.8033

 188.9127,
165.2913, 99.7561

 5.8683, 3.2858,
0.0000

230.4962,
204.1460, 128.7465

 2.8050, 1.2827,
0.0000

277.7737,

 1.0515, 0.1277,

248.6572, 162.8709

0.0000

331.1105,
299.2093, 202.5478

■ 0.0000, 0.0000,
0.0000

■ 53.6175, 42.4117,
17.1647

■ 53.6175, 42.4117,
17.1647

■ 50.0520, 36.9336,
10.8818

■ 58.0046, 48.9177,
25.6204

■ 47.2471, 32.4209,
6.5642

■ 63.2620, 56.4962,
36.4253

■ 45.1364, 28.8137,
3.9673

■ 69.4380, 65.1970,
49.7406

■ 43.7696, 26.3196,
2.7733

■ 76.5763, 75.0646,
65.7120

■ 84.7174, 86.1411,
84.4744

93.8996, 98.4663,
106.1532

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



60.1299, 42.4117, 31.6134



53.6175, 42.4117, 17.1647



44.0729, 42.4117, 11.6551

Triad

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



53.6175, 42.4117, 17.1647



25.0001, 42.4117, 36.4933



46.3279, 42.4117, 115.2581

Complementary

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



53.6175, 42.4117, 17.1647



45.9944, 55.4702, 102.8897

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.



36.7695, 42.4117, 118.2338



53.6175, 42.4117, 17.1647



25.4095, 42.4117, 64.6463

Square

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



53.6175, 42.4117, 17.1647



28.1888, 42.4117, 19.5305



29.4112, 42.4117, 97.0713



55.4889, 42.4117, 90.0586

Rectangle

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



53.6175, 42.4117, 17.1647



37.7104, 42.4117, 11.4562



29.4112, 42.4117, 97.0713



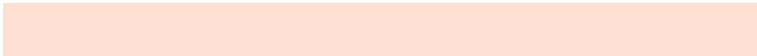
43.0286, 42.4117, 119.1738

Sweetspot

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



53.6185, 42.4139, 17.1655



79.0517, 78.4498, 71.3624



57.4345, 34.8769, 65.2013



16.4341, 16.1267, 14.1641



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.



53.6185, 42.4139, 17.1655



49.4857, 36.0402, 9.9541



69.4011, 73.9792, 22.4263



18.4459, 18.8599, 18.8125



22.9826, 13.9764, 1.4864



2.3276, 1.5407, 0.1747

Inverse Universe

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



45.9944, 55.4702, 102.8897



41.1714, 49.8352, 102.0569



31.5559, 26.5933, 98.0769



18.0759, 19.5235, 23.0657



18.0742, 21.0580, 52.5466



1.8548, 2.2402, 5.1479

Previews

White Background



This preview shows how the XYZ color 53.6175, 42.4117, 17.1647 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 53.6175, 42.4117, 17.1647 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 53.6175, 42.4117, 17.1647

Background



This preview shows how black text looks on a background with the XYZ color 53.6175, 42.4117, 17.1647.



This preview shows how white text looks on a background with the XYZ color 53.6175, 42.4117,

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

53.6175, 42.4117, 17.1647

Protanopia

39.3796, 42.7329, 20.9246

Deuteranopia

43.4333, 42.3948, 16.7203



Tritanopia

56.2699, 42.5118, 34.0940

Trichromacy



Original Color

53.6175, 42.4117, 17.1647

Protanomaly

43.6085, 41.8877, 19.4224

Deuteranomaly

46.6513, 41.9563, 16.7059

Tritanomaly

55.0097, 42.2447, 26.7274

Monochromacy



Original Color

53.6175, 42.4117, 17.1647

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

42.9141, 40.9662, 32.8396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6175, 42.4117, 17.1647 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, 145, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 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, 145, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 99) }
```

Border

The CSS property to change the border of an element to XYZ 53.6175, 42.4117, 17.1647 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, 145, 99) }
```


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

```
.border{ border-color:rgb(255, 145, 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, 145, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6175, 42.4117, 17.1647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 99) }
```

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

```
.background{ background-color: rgb(255,  
145, 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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