

Converting Colors

XYZ(56.4571, 45.1644, 26.1416)

Have a look what the booklet for
XYZ(56.4571, 45.1644, 26.1416)
contains.

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Color

**XYZ(56.2029, 44.9517,
26.1364)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9780
RGB	255, 151, 128
RGB Percent	100%, 59%, 50%
CMY	0.0000, 0.4078, 0.4980
CMYK	0.00, 0.41, 0.50, 0.00
HSL	11°, 100%, 75%
HSV	11°, 50%, 100%
XYZ	56.2029, 44.9517, 26.1364
YIQ	179.4740, 69.3670, 14.8950

Conversions

Conversions Part 2

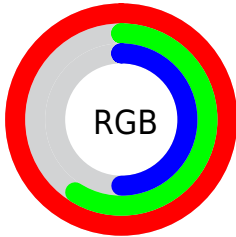
Format	Color
R_{YB}	255, 156, 128
Decimal	16750464
CIE _{Lab}	72.86, 36.65, 28.91
CIE _{LCh}	73, 46.684, 38.264
Yxy	44.9517, 0.4415, 0.3531
Android (android.graphics.Color)	4294940544 (0xFFFF9780)
YUV	179.4740, -25.3767, 66.2363
Hunter-Lab	67.0460, 32.3012, 23.8193

Details

The XYZ color **56.2029, 44.9517, 26.1364** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.8072, 69.5191, 105.0847**, and the grayscale version is **43.2073, 45.4574, 49.5031**.

A 20% lighter version of the original color is **71.6518, 68.7388, 53.2075**, and **28.2846, 20.9020, 9.9409** is the 20% darker color. If you saturate the color by 10%, you get **51.6626, 38.2281, 17.3570**, and if you desaturate by 10%, it is **61.7623, 53.0388, 37.3368**.

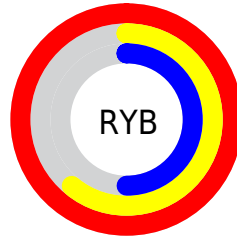
Distribution



Red (100%)

Green (59%)

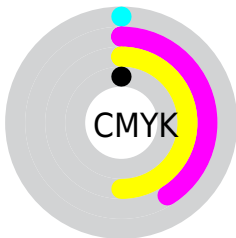
Blue (50%)



Red (100%)

Yellow (61%)

Blue (50%)

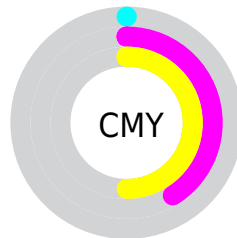


Cyan (0%)

Magenta (41%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2029, 44.9517, 26.1364 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 56.2029, 44.9517, 26.1364 by changing the saturation by 10% instead.


 56.2029, 44.9517,
26.1364

 56.2029, 44.9517,
26.1364


400.5183,
366.5779, 297.0778

 40.6033, 31.4194,
16.6990

 98.4393, 82.6479,
54.4817

 28.1955, 20.9184,
9.8605


 125.8067,
107.5806, 74.2267

 18.6143, 13.0644,
5.2021


 157.8275,
137.0822, 98.2447

 11.4943, 7.4729,
2.3055

194.8669,
171.5372, 126.9541

 6.4700, 3.7596,
0.7343

237.2903,
211.3298, 160.7736

 3.1763, 1.5400,
0.0000

285.4631,

 1.2477, 0.3166,

256.8446, 200.1217

0.0000

339.7507,
308.4658, 245.4169

■ 0.1435, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2029, 44.9517,
26.1364

■ 56.2029, 44.9517,
26.1364

■ 51.6626, 38.2281,
17.3570

■ 61.7623, 53.0388,
37.3368

■ 48.0744, 32.7856,
10.8159

■ 68.3955, 62.5523,
51.1175

■ 45.3683, 28.5430,
6.3084

■ 76.1570, 73.5593,
67.6269

■ 43.4624, 25.4067,
3.5906

■ 85.0968, 86.1209,
87.0017

■ 42.2434, 23.2625,
2.2780

95.0499, 99.9999,
108.9000

■ 42.2245, 23.2291,
2.2582

Harmonies

Analogous

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



60.1254, 44.9517, 42.7913



56.2029, 44.9517, 26.1364



48.7758, 44.9517, 18.0377

Triad

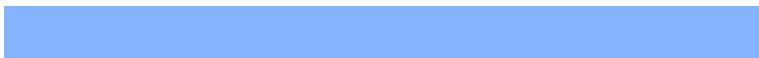
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.2029, 44.9517, 26.1364



29.7944, 44.9517, 34.1749



45.0103, 44.9517, 107.9159

Complementary

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



56.2029, 44.9517, 26.1364



55.8072, 69.5191, 105.0847

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.



37.1969, 44.9517, 103.3791



56.2029, 44.9517, 26.1364



29.0547, 44.9517, 55.6615

Square

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



56.2029, 44.9517, 26.1364



33.7623, 44.9517, 21.5494



31.5953, 44.9517, 82.2103



53.1487, 44.9517, 93.1496

Rectangle

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



56.2029, 44.9517, 26.1364



43.2003, 44.9517, 16.4613



31.5953, 44.9517, 82.2103



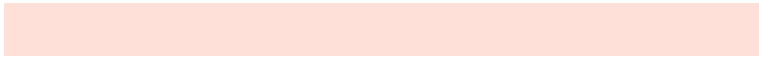
42.2537, 44.9517, 108.6699

Sweetspot

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



56.2040, 44.9540, 26.1372



80.3013, 79.3957, 76.5678



63.7866, 42.6296, 82.5828



16.7913, 16.4362, 15.5312



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.



56.2040, 44.9540, 26.1372



51.5832, 38.1091, 17.2074



68.8468, 70.2396, 30.3515



18.2754, 18.5191, 18.7556



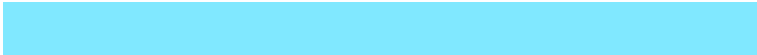
22.1394, 12.2901, 1.2053



2.2242, 1.3337, 0.1402

Inverse Universe

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



55.8072, 69.5191, 105.0847



51.0763, 65.1385, 104.4887



41.3897, 40.6842, 100.2789



18.2586, 19.8888, 23.1265



21.4218, 27.7531, 53.6624



2.1553, 2.8414, 5.2481

Previews

White Background



This preview shows how the XYZ color 56.2029, 44.9517, 26.1364 looks on a white background.

Color Contrast Check

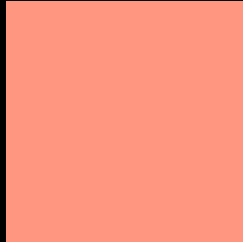
Large Text (above 18pt) WCAG AA × Fail

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 56.2029, 44.9517, 26.1364 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 56.2029, 44.9517, 26.1364

Background



This preview shows how black text looks on a background with the XYZ color 56.2029, 44.9517, 26.1364.



This preview shows how white text looks on a background with the XYZ color 56.2029, 44.9517,

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

56.2029, 44.9517, 26.1364

Protanopia

42.3396, 45.2100, 31.3058

Deuteranopia

46.1222, 45.2564, 25.3732



Tritanopia

58.0015, 44.9084, 37.9589

Trichromacy



Original Color

56.2029, 44.9517, 26.1364

Protanomaly

46.3635, 44.4496, 29.4286

Deuteranomaly

49.2902, 44.6896, 25.4301

Tritanomaly

57.2539, 44.8615, 33.2453

Monochromacy



Original Color

56.2029, 44.9517, 26.1364

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

46.2653, 44.1794, 39.3467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2029, 44.9517, 26.1364 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, 151, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 128)  
}
```

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, 151, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 128) }
```

Border

The CSS property to change the border of an element to XYZ 56.2029, 44.9517, 26.1364 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, 151, 128) }
```


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

```
.border{ border-color:rgb(255, 151, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2029, 44.9517, 26.1364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 128) }
```

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

```
.background{ background-color: rgb(255,  
151, 128) }
```

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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