

Converting Colors

XYZ(65.0287, 50.4062, 24.3566)

Have a look what the booklet for
XYZ(65.0287, 50.4062, 24.3566)
contains.

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Color

**XYZ(56.4125, 46.0832,
24.0108)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9B79
RGB	255, 155, 121
RGB Percent	100%, 61%, 47%
CMY	0.0000, 0.3921, 0.5255
CMYK	0.00, 0.39, 0.53, 0.00
HSL	15°, 100%, 74%
HSV	15°, 53%, 100%
XYZ	56.4125, 46.0832, 24.0108
YIQ	181.0240, 70.5140, 10.6260

Conversions

Conversions Part 2

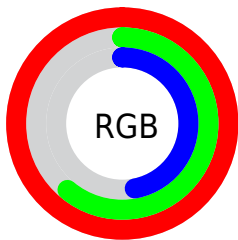
Format	Color
R_{YB}	255, 167, 121
Decimal	16751481
CIE _{Lab}	73.60, 33.99, 33.65
CIE _{LCh}	74, 47.829, 44.714
Yxy	46.0832, 0.4459, 0.3643
Android (android.graphics.Color)	4294941561 (0xFFFF9B79)
YUV	181.0240, -29.5918, 64.8770
Hunter-Lab	67.8846, 29.5365, 26.5483

Details

The XYZ color **56.4125, 46.0832, 24.0108** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **51.7899, 62.9944, 104.0368**, and the grayscale version is **44.0634, 46.3581, 50.4840**.

A 20% lighter version of the original color is **71.9266, 70.4092, 49.8438**, and **28.2681, 21.6377, 8.8175** is the 20% darker color. If you saturate the color by 10%, you get **52.1294, 39.6976, 15.8612**, and if you desaturate by 10%, it is **61.6102, 53.6368, 34.5048**.

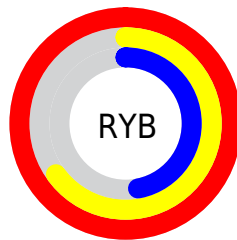
Distribution



Red (100%)

Green (61%)

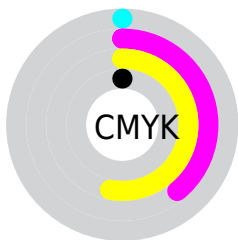
Blue (47%)



Red (100%)

Yellow (65%)

Blue (47%)

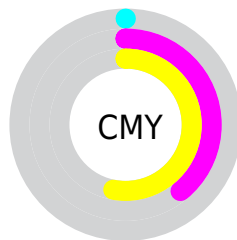


Cyan (0%)

Magenta (39%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4125, 46.0832, 24.0108 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 56.4125, 46.0832, 24.0108 by changing the saturation by 10% instead.


 56.4125, 46.0832,
24.0108


 56.4125, 46.0832,
24.0108


401.2941,
371.1430, 286.1634

 40.7720, 32.3115,
15.1294

 98.7438, 84.3435,
50.9919

 28.3279, 21.5995,
8.7626


 126.1653,
109.6009, 69.9286

 18.7147, 13.5629,
4.4920

 158.2445,
139.4556, 93.0541

 11.5671, 7.8173,
1.8989

195.3468,
174.2920, 120.7871

 6.5197, 3.9783,
0.4921

237.8376,
214.4946, 153.5459

 3.2072, 1.6614,
0.0000

286.0821,

 1.2643, 0.3985,

260.4477, 191.7492

0.0000

340.4458,
312.5357, 235.8155

■ 0.1562, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4125, 46.0832,
24.0108

■ 56.4125, 46.0832,
24.0108

■ 52.1294, 39.6976,
15.8612

■ 61.6102, 53.6368,
34.5048

■ 48.7008, 34.4131,
9.8702

■ 67.7705, 62.4069,
47.5042

■ 46.0642, 30.1662,
5.8274

■ 74.9421, 72.4476,
63.1588

■ 44.1456, 26.8835,
3.4785

■ 83.1692, 83.8076,
81.6058

■ 43.1137, 25.0077,
2.5546

■ 92.4932, 96.5329,
102.9728

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.



61.5009, 46.0832, 39.2458



56.4125, 46.0832, 24.0108



48.2326, 46.0832, 17.3101

Triad

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



56.4125, 46.0832, 24.0108



29.9038, 46.0832, 38.8654



48.0654, 46.0832, 110.0996

Complementary

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



56.4125, 46.0832, 24.0108



51.7899, 62.9944, 104.0368

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.



39.6490, 46.0832, 109.8963



56.4125, 46.0832, 24.0108



29.8712, 46.0832, 62.9695

Square

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



56.4125, 46.0832, 24.0108



33.3200, 46.0832, 23.8100



33.2243, 46.0832, 90.6280



56.2766, 46.0832, 91.1170

Rectangle

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



56.4125, 46.0832, 24.0108



42.4769, 46.0832, 16.5869



33.2243, 46.0832, 90.6280



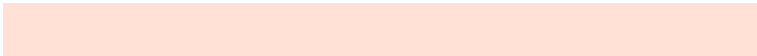
45.1517, 46.0832, 112.4304

Sweetspot

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



56.4136, 46.0855, 24.0117



80.2080, 79.7350, 74.9153



61.1952, 40.1821, 73.2869



16.8029, 16.5630, 15.2158



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.



56.4136, 46.0855, 24.0117



51.9568, 39.4358, 15.5457



70.6797, 74.6177, 28.7670



18.3839, 18.7361, 18.7918



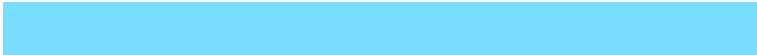
22.6278, 13.2668, 1.3681



2.2861, 1.4575, 0.1608

Inverse Universe

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



51.7899, 62.9944, 104.0368



46.8069, 57.8280, 103.3027



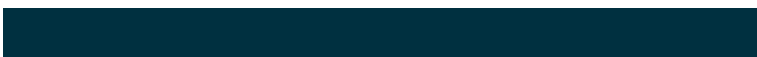
37.5737, 34.5619, 99.2980



18.1417, 19.6549, 23.0876



19.2112, 23.3319, 52.9256



1.9578, 2.4464, 5.1823

Previews

White Background



This preview shows how the XYZ color 56.4125, 46.0832, 24.0108 looks on a white background.

Color Contrast Check

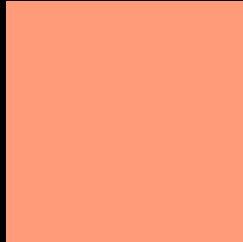
Large Text (above 18pt) WCAG AA × Fail

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 56.4125, 46.0832, 24.0108 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 56.4125, 46.0832, 24.0108

Background



This preview shows how black text looks on a background with the XYZ color 56.4125, 46.0832, 24.0108.



This preview shows how white text looks on a background with the XYZ color 56.4125, 46.0832,

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

56.4125, 46.0832, 24.0108

Protanopia

43.1944, 46.3158, 28.4930

Deuteranopia

47.0679, 46.0769, 23.2426



Tritanopia

58.8282, 46.0019, 39.9611

Trichromacy



Original Color

56.4125, 46.0832, 24.0108

Protanomaly

47.2641, 45.8153, 26.7742

Deuteranomaly

49.8612, 45.5694, 23.3073

Tritanomaly

57.7347, 45.8231, 33.4055

Monochromacy



Original Color

56.4125, 46.0832, 24.0108

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

47.0230, 45.4181, 39.0891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4125, 46.0832, 24.0108 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, 155, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 121)  
}
```

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, 155, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 121) }
```

Border

The CSS property to change the border of an element to XYZ 56.4125, 46.0832, 24.0108 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, 155, 121) }
```


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

```
.border{ border-color:rgb(255, 155, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 155, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4125, 46.0832, 24.0108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 121) }
```

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

```
.background{ background-color: rgb(255,  
155, 121) }
```

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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