

Converting Colors

XYZ(55.1520, 45.9900, 41.3808)

Have a look what the booklet for
XYZ(55.1520, 45.9900, 41.3808)
contains.

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Color

**XYZ(55.1248, 46.0382,
41.5782)**

Conversions

Conversions Part 1

Format	Color
Hex	F09FA5
RGB	240, 159, 165
RGB Percent	94%, 62%, 65%
CMY	0.0588, 0.3764, 0.3529
CMYK	0.00, 0.34, 0.31, 0.06
HSL	356°, 73%, 78%
HSV	356°, 34%, 94%
XYZ	55.1248, 46.0382, 41.5782
YIQ	183.9030, 46.3500, 19.0380

Conversions

Conversions Part 2

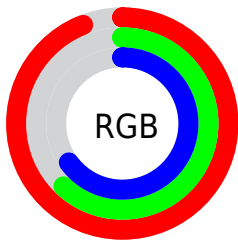
Format	Color
R_{YB}	240, 159, 165
Decimal	15769509
CIE _{Lab}	73.57, 30.89, 9.33
CIE _{LCh}	74, 32.271, 16.809
Yxy	46.0382, 0.3862, 0.3225
Android (android.graphics.Color)	4293959589 (0xFFFF09FA5)
YUV	183.9030, -9.3192, 49.1971
Hunter-Lab	67.8515, 26.2793, 11.1641

Details

The XYZ color **55.1248, 46.0382, 41.5782** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.3114, 75.6325, 89.2656**, and the grayscale version is **45.5395, 47.9111, 52.1752**.

A 20% lighter version of the original color is **78.2048, 74.5204, 77.9722**, and **27.5297, 21.6527, 18.3512** is the 20% darker color. If you saturate the color by 10%, you get **49.5411, 37.8314, 30.5894**, and if you desaturate by 10%, it is **61.8637, 55.9924, 54.6870**.

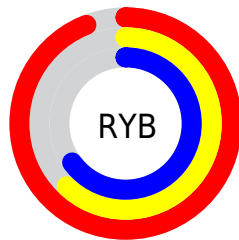
Distribution



Red (94%)

Green (62%)

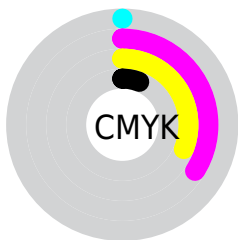
Blue (65%)



Red (94%)

Yellow (62%)

Blue (65%)

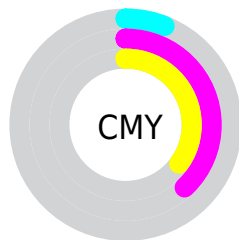


Cyan (0%)

Magenta (34%)

Yellow (31%)

Black (6%)



Cyan (6%)


Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1248, 46.0382, 41.5782 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 55.1248, 46.0382, 41.5782 by changing the saturation by 10% instead.


 55.1248, 46.0382,
41.5782


 55.1248, 46.0382,
41.5782


396.5135,
370.9622, 368.4794

 39.7359, 32.2760,
28.4481


 96.8710, 84.2762,
78.8240

 27.5160, 21.5724,
18.4217


 123.9591,
109.5207, 103.7768

 18.0997, 13.5430,
11.0806


155.6775,
139.3614, 133.5075

 11.1217, 7.8035,
6.0062

192.3918,
174.1828, 168.4347

 6.2167, 3.9695,
2.7800

234.4671,
214.3691, 208.9770

 3.0192, 1.6565,
0.9834

282.2690,

 1.1639, 0.3953,

260.3049, 255.5528

0.0000

336.1627,
312.3745, 308.5808

■ 0.0776, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1248, 46.0382,
41.5782

■ 55.1248, 46.0382,
41.5782

■ 49.5411, 37.8314,
30.5894

■ 61.8637, 55.9924,
54.6870

■ 45.0442, 31.2651,
21.6067

■ 69.8138, 67.7797,
70.0163

■ 41.5641, 26.2308,
14.5096

■ 79.0318, 81.4883,
87.6634

■ 39.0212, 22.6043,
9.1633

■ 89.5678, 97.1943,
107.7181

■ 37.3240, 20.2420,
5.4155

■ 89.7451, 97.2652,
108.6517

■ 36.3622, 18.9695,
3.0873

■ 36.0424, 18.5681,
2.2465

Harmonies

Analogous

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



55.3342, 46.0382, 57.6463



55.1248, 46.0382, 41.5782



51.7059, 46.0382, 30.5297

Triad

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



55.1248, 46.0382, 41.5782



36.2355, 46.0382, 31.5489



41.3014, 46.0382, 87.3710

Complementary

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



55.1248, 46.0382, 41.5782



60.3114, 75.6325, 89.2656

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.



36.6693, 46.0382, 76.7071



55.1248, 46.0382, 41.5782



33.9205, 46.0382, 43.2932

Square

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



55.1248, 46.0382, 41.5782



40.6609, 46.0382, 25.6616



34.0720, 46.0382, 59.7757



47.0084, 46.0382, 86.6293

Rectangle

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



55.1248, 46.0382, 41.5782



48.2228, 46.0382, 26.4350



34.0720, 46.0382, 59.7757



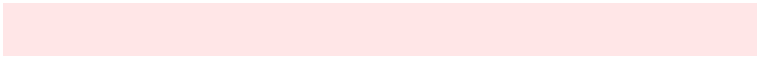
39.5776, 46.0382, 84.9176

Sweetspot

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



55.1260, 46.0404, 41.5791



83.8765, 83.3672, 87.5592



61.8135, 48.4556, 88.5329



17.6427, 17.3828, 18.1464



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.



55.1260, 46.0404, 41.5791



59.0246, 46.5998, 39.3940



61.2093, 59.0598, 40.9775



15.8203, 15.7778, 16.6097



19.7480, 10.1716, 1.3235



1.6592, 0.8527, 0.1964

Inverse Universe

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



55.1260, 46.0404, 41.5791



59.0246, 46.5998, 39.3940



52.1597, 57.9272, 90.8699



15.8203, 15.7778, 16.6097



19.7480, 10.1716, 1.3235



1.6592, 0.8527, 0.1964

Previews

White Background



This preview shows how the XYZ color 55.1248, 46.0382, 41.5782 looks on a white background.

Color Contrast Check

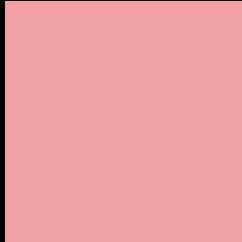
Large Text (above 18pt) WCAG AA × Fail

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 55.1248, 46.0382, 41.5782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

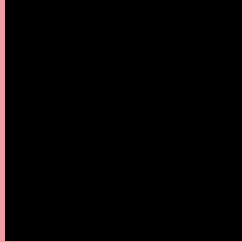
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1248, 46.0382, 41.5782

Background



This preview shows how black text looks on a background with the XYZ color 55.1248, 46.0382, 41.5782.



This preview shows how white text looks on a background with the XYZ color 55.1248, 46.0382,

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

55.1248, 46.0382, 41.5782

Protanopia

44.2647, 46.1311, 48.1662

Deuteranopia

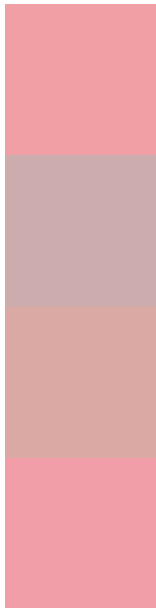
47.3052, 46.3904, 40.6434



Tritanopia

55.7582, 46.0568, 43.9813

Trichromacy



Original Color

55.1248, 46.0382, 41.5782

Protanomaly

47.4722, 45.5013, 45.8157

Deuteranomaly

49.7123, 45.9257, 40.8948

Tritanomaly

55.5704, 45.9816, 42.9923

Monochromacy



Original Color

55.1248, 46.0382, 41.5782

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

48.1676, 46.6716, 48.0648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1248, 46.0382, 41.5782 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(240, 159, 165)` looks like.

```
.text, #text, p{  
    color:rgb(240, 159, 165)  
}
```

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(240, 159, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 159, 165) }
```

Border

The CSS property to change the border of an element to XYZ 55.1248, 46.0382, 41.5782 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(240, 159, 165) }
```


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

```
.border{ border-color:rgb(240, 159, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 159, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 159, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 159, 165);  
box-shadow:4px 4px 4px 4px rgb(240, 159,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1248, 46.0382, 41.5782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 159, 165) }
```

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

```
.background{ background-color: rgb(240,  
159, 165) }
```

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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