

Converting Colors

XYZ(56.9280, 46.3233, 52.0447)

Have a look what the booklet for
XYZ(56.9280, 46.3233, 52.0447)
contains.

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Color

**XYZ(56.7491, 46.1420,
51.8142)**

Conversions

Conversions Part 1

Format	Color
Hex	F09DB9
RGB	240, 157, 185
RGB Percent	94%, 62%, 73%
CMY	0.0588, 0.3843, 0.2745
CMYK	0.00, 0.35, 0.23, 0.06
HSL	340°, 73%, 78%
HSV	340°, 35%, 94%
XYZ	56.7491, 46.1420, 51.8142
YIQ	185.0090, 40.4800, 26.3040

Conversions

Conversions Part 2

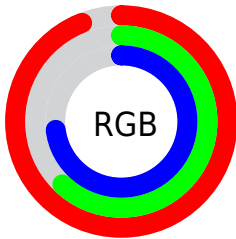
Format	Color
R _Y B	240, 157, 185
Decimal	15769017
CIE Lab	73.64, 34.66, -1.60
CIE LCh	74, 34.695, 357.362
Yxy	46.1420, 0.3668, 0.2983
Android (android.graphics.Color)	4293959097 (0xFFFF09DB9)
YUV	185.0090, -0.0044, 48.2271
Hunter-Lab	67.9279, 30.2507, 2.3242

Details

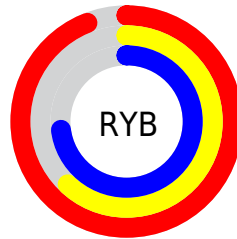
The XYZ color **56.7491, 46.1420, 51.8142** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.9504, 74.2429, 73.6198**, and the grayscale version is **46.1045, 48.5055, 52.8225**.

A 20% lighter version of the original color is **80.6607, 74.6978, 93.3859**, and **28.4066, 21.5117, 24.4848** is the 20% darker color. If you saturate the color by 10%, you get **51.4942, 38.1703, 42.2371**, and if you desaturate by 10%, it is **62.9920, 55.7882, 62.6483**.

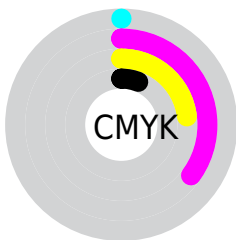
Distribution



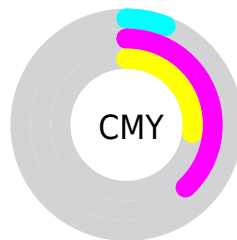
- Red (94%)
- Green (62%)
- Blue (73%)



- Red (94%)
- Yellow (62%)
- Blue (73%)



- Cyan (0%)
- Magenta (35%)
- Yellow (23%)
- Black (6%)




- Cyan (6%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7491, 46.1420, 51.8142 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 56.7491, 46.1420, 51.8142 by changing the saturation by 10% instead.


 56.7491, 46.1420,
51.8142


 56.7491, 46.1420,
51.8142


402.5379,
371.3792, 410.6554

 41.0432, 32.3579,
36.4758


 99.2325, 84.4315,
94.2810

 28.5407, 21.6350,
24.5093

 126.7406,
109.7056, 122.2464

 18.8761, 13.5890,
15.4961

158.9136,
139.5786, 155.2579

 11.6843, 7.8353,
9.0179

196.1167,
174.4347, 193.7340

 6.5997, 3.9898,
4.6559

238.7154,
214.6585, 238.0932

 3.2572, 1.6678,
1.9916

287.0749,

 1.2912, 0.4027,

260.6342, 288.7542

0.5501

341.5606,
312.7463, 346.1354

■ 0.1766, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7491, 46.1420,
51.8142

■ 56.7491, 46.1420,
51.8142

■ 51.4942, 38.1703,
42.2371

■ 62.9920, 55.7882,
62.6483

■ 47.1702, 31.7702,
33.8662

■ 70.2678, 67.1908,
74.7818

■ 43.7203, 26.8377,
26.6510

■ 78.6236, 80.4343,
88.2588

■ 41.0791, 23.2533,
20.5357

■ 88.1021, 95.5957,
103.1198

■ 39.1715, 20.8786,
15.4592

■ 89.7453, 97.2653,
108.6517

■ 37.9067, 19.5443,
11.3525

■ 37.4188, 19.1187,
9.4938

Harmonies

Analogous

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



54.5770, 46.1420, 70.7884



56.7491, 46.1420, 51.8142



55.2085, 46.1420, 36.2386

Triad

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



56.7491, 46.1420, 51.8142



38.6474, 46.1420, 25.7833



37.7882, 46.1420, 84.4603

Complementary

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



56.7491, 46.1420, 51.8142



56.9504, 74.2429, 73.6198

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.



34.1783, 46.1420, 67.4523



56.7491, 46.1420, 51.8142



34.6409, 46.1420, 34.1122

Square

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



56.7491, 46.1420, 51.8142



44.4026, 46.1420, 23.4536



33.0814, 46.1420, 48.6996



43.3151, 46.1420, 92.1880

Rectangle

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



56.7491, 46.1420, 51.8142



52.3561, 46.1420, 29.2336



33.0814, 46.1420, 48.6996



36.3307, 46.1420, 79.4697

Sweetspot

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



56.7504, 46.1442, 51.8151



84.8454, 83.7547, 92.6615



54.6366, 44.2492, 88.0997



17.8755, 17.4759, 19.3721



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.



56.7504, 46.1442, 51.8151



61.0510, 46.7497, 52.1020



56.2945, 49.5055, 38.4895



15.9928, 15.8468, 17.5181



20.5391, 10.4881, 5.4893



1.7534, 0.8904, 0.6921

Inverse Universe

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



56.7504, 46.1442, 51.8151



61.0510, 46.7497, 52.1020



57.2542, 68.7003, 92.6813



15.9928, 15.8468, 17.5181



20.5391, 10.4881, 5.4893



1.7534, 0.8904, 0.6921

Previews

White Background



This preview shows how the XYZ color 56.7491, 46.1420, 51.8142 looks on a white background.

Color Contrast Check

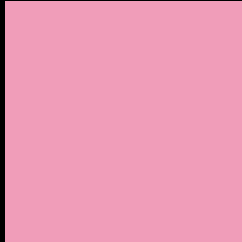
Large Text (above 18pt) WCAG AA × Fail

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 56.7491, 46.1420, 51.8142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

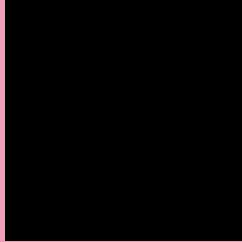
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.7491, 46.1420, 51.8142

Background



This preview shows how black text looks on a background with the XYZ color 56.7491, 46.1420, 51.8142.



This preview shows how white text looks on a background with the XYZ color 56.7491, 46.1420,

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

56.7491, 46.1420, 51.8142

Protanopia

45.2205, 46.3497, 60.5959

Deuteranopia

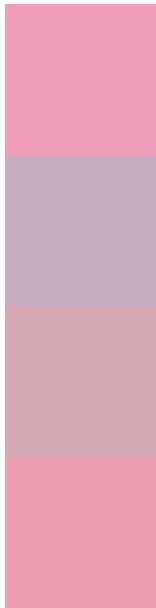
47.5220, 46.5702, 50.7402



Tritanopia

55.3454, 46.0873, 44.5068

Trichromacy



Original Color

56.7491, 46.1420, 51.8142

Protanomaly

48.5775, 45.8176, 57.3223

Deuteranomaly

50.4668, 46.0910, 51.0363

Tritanomaly

55.6599, 45.9390, 47.0078

Monochromacy



Original Color

56.7491, 46.1420, 51.8142

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

49.2638, 47.1419, 52.4017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7491, 46.1420, 51.8142 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, 157, 185)` looks like.

```
.text, #text, p{  
    color:rgb(240, 157, 185)  
}
```

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, 157, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 157, 185) }
```

Border

The CSS property to change the border of an element to XYZ 56.7491, 46.1420, 51.8142 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, 157, 185) }
```


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

```
.border{ border-color:rgb(240, 157, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 157, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 157, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 157, 185);  
box-shadow:4px 4px 4px 4px rgb(240, 157,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7491, 46.1420, 51.8142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 157, 185) }
```

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

```
.background{ background-color: rgb(240,  
157, 185) }
```

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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