

Converting Colors

XYZ(56.3093, 52.5598, 66.2087)

Have a look what the booklet for
XYZ(56.3093, 52.5598, 66.2087)
contains.

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Color

**XYZ(56.3093, 52.5598,
66.2087)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B6CF
RGB	216, 182, 207
RGB Percent	85%, 71%, 81%
CMY	0.1529, 0.2863, 0.1882
CMYK	0.00, 0.16, 0.04, 0.15
HSL	316°, 30%, 78%
HSV	316°, 16%, 85%
XYZ	56.3093, 52.5598, 66.2087
YIQ	195.0160, 12.2390, 14.9830

Conversions

Conversions Part 2

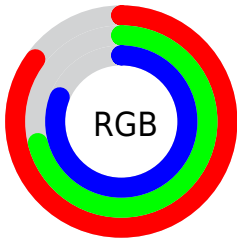
Format	Color
R _Y B	216, 182, 207
Decimal	14202575
CIE Lab	77.61, 16.43, -8.04
CIE LCh	78, 18.287, 333.933
Yxy	52.5598, 0.3216, 0.3002
Android (android.graphics.Color)	4292392655 (0xFFD8B6CF)
YUV	195.0160, 5.9081, 18.4030
Hunter-Lab	72.4981, 11.7692, -3.3977

Details

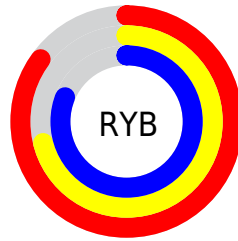
The XYZ color **56.3093, 52.5598, 66.2087** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **53.2533, 62.8198, 58.6118**, and the grayscale version is **51.8434, 54.5433, 59.3976**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **28.2980, 25.5775, 33.5825** is the 20% darker color. If you saturate the color by 10%, you get **51.5363, 44.1117, 61.2311**, and if you desaturate by 10%, it is **61.7930, 62.3872, 71.5494**.

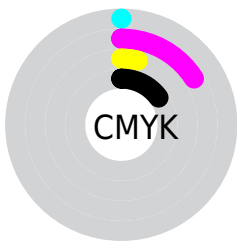
Distribution



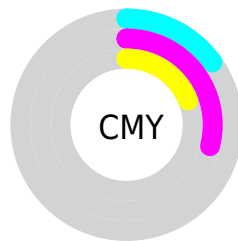
- Red (85%)
- Green (71%)
- Blue (81%)



- Red (85%)
- Yellow (71%)
- Blue (81%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (15%)





- Cyan (15%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3093, 52.5598, 66.2087 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 56.3093, 52.5598, 66.2087 by changing the saturation by 10% instead.

 56.3093, 52.5598,
66.2087

 56.3093, 52.5598,
66.2087

400.9122,
396.5940, 465.5475

 40.6889, 37.4515,
47.9843

 98.5939, 93.9563,
115.4157

 28.2627, 25.5572,
33.4545


125.9887,
121.0133, 147.2353

 18.6652, 16.4927,
22.2009


158.0392,
152.8219, 184.4238

 11.5312, 9.8735,
13.8049

195.1106,
189.7666, 227.3996

 6.4952, 5.3151,
7.8479

237.5682,
232.2318, 276.5814

 3.1920, 2.4333,
3.9114

285.7774,

 1.2561, 0.8430,

280.6018, 332.3876

1.5769

340.1037,
335.2610, 395.2368

■ 0.1500, 0.0000,
0.2742

■ 0.0000, 0.0000,
0.0000

■ 56.3093, 52.5598,
66.2087

■ 56.3093, 52.5598,
66.2087

■ 51.5363, 44.1117,
61.2311

■ 61.7930, 62.3872,
71.5494

■ 47.4379, 36.9736,
56.6014

■ 68.0122, 73.6455,
77.2608

■ 43.9819, 31.0804,
52.3082

■ 74.9962, 86.3919,
83.3546

■ 41.1313, 26.3589,
48.3377

■ 78.3445, 91.8252,
88.3653

■ 38.8454, 22.7281,
44.6750

■ 79.1604, 92.1516,
92.6618

■ 37.0783, 20.0965,
41.3035

■ 80.0029, 92.4886,
97.0983

■ 35.7767, 18.3579,
38.2039

■ 80.8723, 92.8363,
101.6762

■ 34.8746, 17.3811,
35.3529

■ 81.7687, 93.1949,
106.3966

■ 34.5615, 17.0960,
34.1964

■ 82.1292, 93.3391,
108.2953

Harmonies

Analogous

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



53.8446, 52.5598, 74.9320



56.3093, 52.5598, 66.2087



57.0434, 52.5598, 55.9048

Triad

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



56.3093, 52.5598, 66.2087



49.4921, 52.5598, 39.9338



44.5306, 52.5598, 68.7882

Complementary

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



56.3093, 52.5598, 66.2087



53.2533, 62.8198, 58.6118

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.



43.4823, 52.5598, 58.5733



56.3093, 52.5598, 66.2087



46.2602, 52.5598, 42.5595

Square

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



56.3093, 52.5598, 66.2087



53.0009, 52.5598, 41.4737



44.1005, 52.5598, 49.0997



47.0310, 52.5598, 76.5402

Rectangle

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



56.3093, 52.5598, 66.2087



56.4252, 52.5598, 49.6949



44.1005, 52.5598, 49.0997



44.0022, 52.5598, 65.4878

Sweetspot

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



56.3108, 52.5621, 66.2098



90.5778, 91.9177, 104.7518



50.4851, 49.4280, 71.8462



19.2576, 19.4402, 22.2988



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.



56.3108, 52.5621, 66.2098



79.4971, 72.0891, 93.8658



54.3977, 51.7968, 56.1353



12.8061, 12.5740, 14.9194



20.5033, 10.1377, 20.4865



1.2700, 0.6248, 1.4112

Inverse Universe

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



56.3108, 52.5621, 66.2098



79.4971, 72.0891, 93.8658



55.1727, 63.5876, 68.7196



12.8061, 12.5740, 14.9194



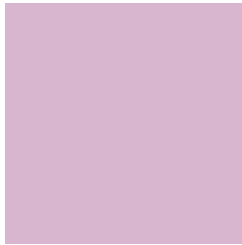
20.5033, 10.1377, 20.4865



1.2700, 0.6248, 1.4112

Previews

White Background



This preview shows how the XYZ color 56.3093, 52.5598, 66.2087 looks on a white background.

Color Contrast Check

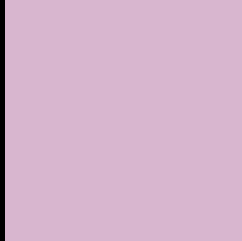
Large Text (above 18pt) WCAG AA × Fail

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 56.3093, 52.5598, 66.2087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

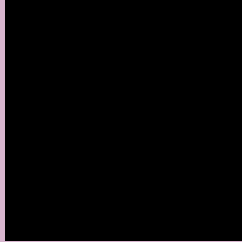
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3093, 52.5598, 66.2087

Background



This preview shows how black text looks on a background with the XYZ color 56.3093, 52.5598, 66.2087.



This preview shows how white text looks on a background with the XYZ color 56.3093, 52.5598,

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

56.3093, 52.5598, 66.2087

Protanopia

51.5007, 52.8339, 69.7709

Deuteranopia

53.6013, 52.4114, 65.6838



Tritanopia

55.3579, 52.8053, 60.7008

Trichromacy



Original Color

56.3093, 52.5598, 66.2087

Protanomaly

53.1693, 52.7617, 68.3545

Deuteranomaly

54.5020, 52.5641, 65.6658

Tritanomaly

55.5004, 52.5311, 62.4727

Monochromacy



Original Color

56.3093, 52.5598, 66.2087

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.3509, 53.6469, 61.5758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3093, 52.5598, 66.2087 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(216, 182, 207) looks like.

```
.text, #text, p{  
    color:rgb(216, 182, 207)  
}
```

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(216, 182, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 182, 207) }
```

Border

The CSS property to change the border of an element to XYZ 56.3093, 52.5598, 66.2087 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(216, 182, 207) }
```


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

```
.border{ border-color:rgb(216, 182, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 182, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 182, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 182, 207);  
box-shadow:4px 4px 4px 4px rgb(216, 182,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3093, 52.5598, 66.2087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 182, 207) }
```

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

```
.background{ background-color: rgb(216,  
182, 207) }
```

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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