

Converting Colors

XYZ(56.4425, 52.3207, 71.7604)

Have a look what the booklet for
XYZ(56.4425, 52.3207, 71.7604)
contains.

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Color

**XYZ(56.3591, 52.1517,
72.0616)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B5D8
RGB	213, 181, 216
RGB Percent	84%, 71%, 85%
CMY	0.1647, 0.2902, 0.1529
CMYK	0.01, 0.16, 0.00, 0.15
HSL	295°, 31%, 78%
HSV	295°, 16%, 85%
XYZ	56.3591, 52.1517, 72.0616
YIQ	194.5580, 7.8370, 17.6690

Conversions

Conversions Part 2

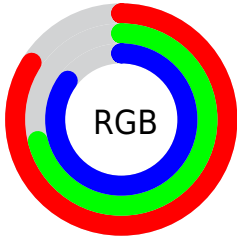
Format	Color
R _Y B	213, 181, 216
Decimal	14005720
CIE Lab	77.37, 17.60, -13.31
CIE LCh	77, 22.062, 322.904
Yxy	52.1517, 0.3121, 0.2888
Android (android.graphics.Color)	4292195800 (0xFFD5B5D8)
YUV	194.5580, 10.5709, 16.1736
Hunter-Lab	72.2161, 12.9272, -8.6118

Details

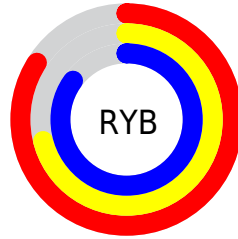
The XYZ color **56.3591, 52.1517, 72.0616** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.6654, 62.6396, 53.0335**, and the grayscale version is **51.5461, 54.2306, 59.0571**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **28.2527, 25.2807, 37.1088** is the 20% darker color. If you saturate the color by 10%, you get **51.7696, 43.7647, 70.6854**, and if you desaturate by 10%, it is **61.6387, 61.9082, 73.6673**.

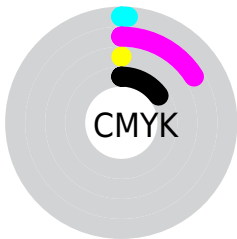
Distribution



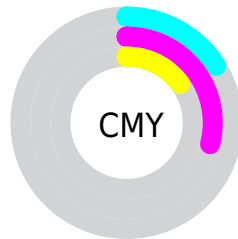
- Red (84%)
- Green (71%)
- Blue (85%)



- Red (84%)
- Yellow (71%)
- Blue (85%)



- Cyan (1%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3591, 52.1517, 72.0616 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 56.3591, 52.1517, 72.0616 by changing the saturation by 10% instead.

■ 56.3591, 52.1517,
72.0616

■ 56.3591, 52.1517,
72.0616

401.0965,
395.0220, 486.7393

■ 40.7290, 37.1260,
52.7219

■ 98.6662, 93.3549,
123.8526

■ 28.2942, 25.3051,
37.1946

126.0739,
120.3012, 157.1410

■ 18.6891, 16.3045,
25.0612

158.1383,
151.9899, 195.9160

■ 11.5485, 9.7399,
15.9032

195.2246,
188.8053, 240.5962

■ 6.5071, 5.2268,
9.3021

237.6982,
231.1318, 291.6000

■ 3.1993, 2.3810,
4.8392

285.9245,

■ 1.2600, 0.8161,

279.3538, 349.3462

2.0962

340.2688,
333.8557, 414.2531

■ 0.1530, 0.0000,
0.6135

■ 0.0000, 0.0000,
0.0000

■ 56.3591, 52.1517,
72.0616

■ 56.3591, 52.1517,
72.0616

■ 51.7696, 43.7647,
70.6854

■ 61.6387, 61.9082,
73.6673

■ 47.8344, 36.6778,
69.5249

■ 67.6331, 73.0859,
75.5089

■ 44.5211, 30.8258,
68.5700

■ 74.3713, 85.7422,
77.5967

■ 41.7930, 26.1353,
67.8084

■ 77.7934, 91.7572,
78.5773

39.6095, 22.5248,
67.2266

78.3583, 92.0484,
78.6037

37.9246, 19.9027,
66.8093

78.9294, 92.3428,
78.6305

36.6847, 18.1617,
66.5386

79.5067, 92.6404,
78.6575

35.8227, 17.1676,
66.3922

80.0904, 92.9413,
78.6848

35.5485, 16.8941,
66.3538

80.6803, 93.2454,
78.7124

Harmonies

Analogous

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



52.8093, 52.1517, 81.1188



56.3591, 52.1517, 72.0616



58.1060, 52.1517, 59.7175

Triad

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



56.3591, 52.1517, 72.0616



50.5825, 52.1517, 36.6250



42.4324, 52.1517, 66.3635

Complementary

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



56.3591, 52.1517, 72.0616



52.6654, 62.6396, 53.0335

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.



41.9114, 52.1517, 53.9488



56.3591, 52.1517, 72.0616



46.4633, 52.1517, 37.8795

Square

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



56.3591, 52.1517, 72.0616



54.6498, 52.1517, 40.1243



43.3467, 52.1517, 43.8350



44.8126, 52.1517, 77.5153

Rectangle

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



56.3591, 52.1517, 72.0616



57.9467, 52.1517, 51.7287



43.3467, 52.1517, 43.8350



42.0398, 52.1517, 62.1590

Sweetspot

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



56.3607, 52.1540, 72.0627



90.7157, 91.9265, 107.5701



48.6974, 49.2732, 71.9106



19.2911, 19.4423, 22.9859



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.



56.3607, 52.1540, 72.0627



79.9826, 72.1088, 104.3106



55.5051, 51.9132, 62.9735



12.8432, 12.5761, 15.6880



21.0866, 10.0230, 39.2764



1.3034, 0.6208, 2.3704

Inverse Universe

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



53.4963, 51.1096, 52.3954



75.1646, 70.3562, 71.0513



53.4640, 62.8769, 60.9503



12.4660, 12.4379, 13.1284



16.8456, 8.6746, 1.2252



1.0314, 0.5293, 0.1545

Previews

White Background



This preview shows how the XYZ color 56.3591, 52.1517, 72.0616 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 56.3591, 52.1517, 72.0616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

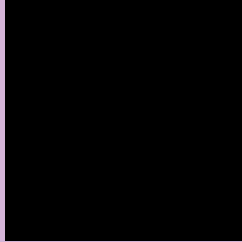
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3591, 52.1517, 72.0616

Background



This preview shows how black text looks on a background with the XYZ color 56.3591, 52.1517, 72.0616.



This preview shows how white text looks on a background with the XYZ color 56.3591, 52.1517,

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

56.3591, 52.1517, 72.0616

Protanopia

51.6059, 52.4151, 76.5045

Deuteranopia

53.3778, 52.1662, 71.5458



Tritanopia

53.9119, 52.0598, 60.6332

Trichromacy



Original Color

56.3591, 52.1517, 72.0616

Protanomaly

53.1943, 52.3101, 75.0034

Deuteranomaly

54.3081, 52.0246, 71.4694

Tritanomaly

54.8169, 52.1236, 64.9293

Monochromacy



Original Color

56.3591, 52.1517, 72.0616

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.5501, 53.6953, 64.0417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3591, 52.1517, 72.0616 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(213, 181, 216)` looks like.

```
.text, #text, p{  
    color:rgb(213, 181, 216)  
}
```

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(213, 181, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 181, 216) }
```

Border

The CSS property to change the border of an element to XYZ 56.3591, 52.1517, 72.0616 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(213, 181, 216) }
```


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

```
.border{ border-color:rgb(213, 181, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 181, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 181, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 181, 216); box-shadow:4px 4px 4px 4px rgb(213, 181, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3591, 52.1517, 72.0616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 181, 216) }
```

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

```
.background{ background-color: rgb(213,  
181, 216) }
```

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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