

Converting Colors

XYZ(55.8278, 50.9199, 81.3814)

Have a look what the booklet for
XYZ(55.8278, 50.9199, 81.3814)
contains.

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Color

**XYZ(56.1352, 51.2188,
81.7905)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB3E6
RGB	207, 179, 230
RGB Percent	81%, 70%, 90%
CMY	0.1882, 0.2980, 0.0980
CMYK	0.10, 0.22, 0.00, 0.10
HSL	273°, 50%, 80%
HSV	273°, 22%, 90%
XYZ	56.1352, 51.2188, 81.7905
YIQ	193.1860, 0.3170, 21.7970

Conversions

Conversions Part 2

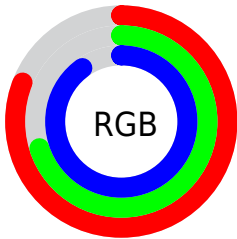
Format	Color
R _Y B	207, 179, 230
Decimal	13612006
CIE Lab	76.81, 19.45, -21.79
CIE LCh	77, 29.209, 311.762
Yxy	51.2188, 0.2968, 0.2708
Android (android.graphics.Color)	4291802086 (0xFFCFB3E6)
YUV	193.1860, 18.1493, 12.1149
Hunter-Lab	71.5673, 14.7671, -17.6623

Details

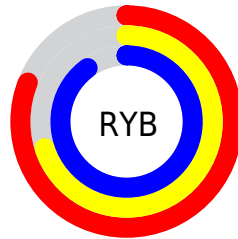
The XYZ color **56.1352, 51.2188, 81.7905** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.7924, 72.4062, 53.4219**, and the grayscale version is **50.6958, 53.3359, 58.0828**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **28.0497, 24.6531, 43.3245** is the 20% darker color. If you saturate the color by 10%, you get **49.1013, 41.3120, 80.2498**, and if you desaturate by 10%, it is **64.1316, 62.7657, 83.5986**.

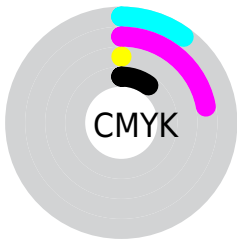
Distribution



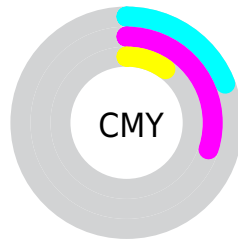
- Red (81%)
- Green (70%)
- Blue (90%)



- Red (81%)
- Yellow (70%)
- Blue (90%)



- Cyan (10%)
- Magenta (22%)
- Yellow (0%)
- Black (10%)





- Cyan (19%)
- Magenta (30%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1352, 51.2188, 81.7905 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 56.1352, 51.2188, 81.7905 by changing the saturation by 10% instead.


 56.1352, 51.2188,
81.7905

 56.1352, 51.2188,
81.7905


400.2676,
391.4133, 520.8117

 40.5488, 36.3828,
60.6581


 98.3409, 91.9781,
137.7142

 28.1528, 24.7300,
43.5205

125.6908,
118.6702, 173.3426

 18.5819, 15.8760,
29.9593


157.6927,
150.0831, 214.6400

 11.4708, 9.4364,
19.5559

194.7118,
186.6011, 262.0250

 6.4540, 5.0269,
11.8918

237.1134,
228.6088, 315.9161

 3.1663, 2.2631,
6.5484

285.2631,

 1.2423, 0.7541,

276.4904, 376.7319

3.1072

339.5260,
330.6305, 444.8909

■ 0.1394, 0.0000,
1.1496

■ 0.0000, 0.0000,
0.0000

■ 56.1352, 51.2188,
81.7905

■ 56.1352, 51.2188,
81.7905

■ 49.1013, 41.3120,
80.2498

■ 64.1316, 62.7657,
83.5986

■ 42.9832, 32.9607,
78.9603

■ 73.1245, 76.0190,
85.6828

■ 37.7376, 26.0825,
77.9092

■ 83.1524, 91.0491,
88.0554

■ 33.3151, 20.5845,
77.0810

■ 88.9297, 97.2800,
88.9536

■ 29.6607, 16.3627,
76.4587

■ 91.2831, 98.4932,
89.0637

■ 26.7118, 13.2978,
76.0226

■ 24.3936, 11.2466,
75.7488

■ 22.9275, 10.1696,
75.6182

Harmonies

Analogous

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



50.8882, 51.2188, 91.3276



56.1352, 51.2188, 81.7905



59.5282, 51.2188, 65.8825

Triad

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



56.1352, 51.2188, 81.7905



52.0960, 51.2188, 31.5014



38.9709, 51.2188, 62.2286

Complementary

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



56.1352, 51.2188, 81.7905



60.7924, 72.4062, 53.4219

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.



39.2403, 51.2188, 46.7466



56.1352, 51.2188, 81.7905



46.5404, 51.2188, 30.8952

Square

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



56.1352, 51.2188, 81.7905



57.0770, 51.2188, 37.8009



41.9194, 51.2188, 35.9498



41.1533, 51.2188, 78.6821

Rectangle

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



56.1352, 51.2188, 81.7905



60.1371, 51.2188, 54.8346



41.9194, 51.2188, 35.9498



38.7825, 51.2188, 56.7131

Sweetspot

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



56.1368, 51.2210, 81.7916



86.7177, 87.6403, 106.9535



54.1840, 57.9163, 83.1869



18.4138, 18.5416, 22.8583



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.



56.1368, 51.2210, 81.7916



66.3653, 58.2402, 102.3514



62.8000, 54.6834, 80.8633



14.3354, 14.2751, 18.1442



13.1230, 5.8310, 42.8170



1.0764, 0.4859, 3.1690

Inverse Universe

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



59.4156, 53.3296, 63.0415



71.3811, 61.4613, 73.8837



55.1988, 69.5026, 54.0633



14.6458, 14.4755, 16.3354



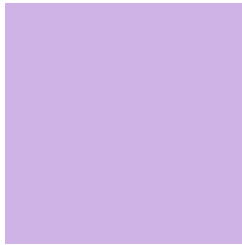
19.9416, 10.1109, 8.5876



1.5199, 0.7657, 0.8783

Previews

White Background



This preview shows how the XYZ color 56.1352, 51.2188, 81.7905 looks on a white background.

Color Contrast Check

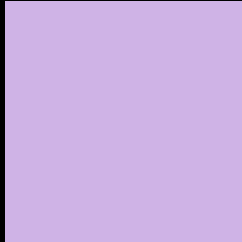
Large Text (above 18pt) WCAG AA × Fail

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 56.1352, 51.2188, 81.7905 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 56.1352, 51.2188, 81.7905

Background



This preview shows how black text looks on a background with the XYZ color 56.1352, 51.2188, 81.7905.



This preview shows how white text looks on a background with the XYZ color 56.1352, 51.2188,

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

56.1352, 51.2188, 81.7905

Protanopia

51.4836, 51.4875, 86.5815

Deuteranopia

52.4781, 51.1739, 81.2404



Tritanopia

52.0149, 51.3780, 61.2083

Trichromacy



Original Color

56.1352, 51.2188, 81.7905

Protanomaly

53.1865, 51.4573, 84.9709

Deuteranomaly

53.8413, 51.2599, 81.1851

Tritanomaly

53.4682, 51.3575, 68.0677

Monochromacy



Original Color

56.1352, 51.2188, 81.7905

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.4125, 52.4284, 65.7498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1352, 51.2188, 81.7905 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(207, 179, 230)` looks like.

```
.text, #text, p{  
    color:rgb(207, 179, 230)  
}
```

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(207, 179, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 179, 230) }
```

Border

The CSS property to change the border of an element to XYZ 56.1352, 51.2188, 81.7905 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(207, 179, 230) }
```


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

```
.border{ border-color:rgb(207, 179, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 179, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 179, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 179, 230);  
box-shadow:4px 4px 4px 4px rgb(207, 179,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1352, 51.2188, 81.7905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 179, 230) }
```

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

```
.background{ background-color: rgb(207,  
179, 230) }
```

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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