

Converting Colors

XYZ(56.2116, 54.4148, 74.7655)

Have a look what the booklet for
XYZ(56.2116, 54.4148, 74.7655)
contains.

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Color

**XYZ(56.1606, 54.4888,
74.5752)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CDBDDB |
| RGB | 205, 189, 219 |
| RGB Percent | 80%, 74%, 86% |
| CMY | 0.1961, 0.2588, 0.1412 |
| CMYK | 0.06, 0.14, 0.00, 0.14 |
| HSL | 272°, 29%, 80% |
| HSV | 272°, 14%, 86% |
| XYZ | 56.1606, 54.4888, 74.5752 |
| YIQ | 197.2040, -0.0940, 12.7220 |

Conversions

Conversions Part 2

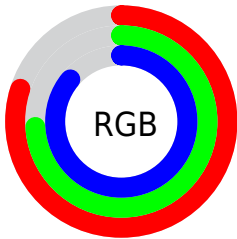
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 205, 189, 219 |
| Decimal | 13483483 |
| CIE Lab | 78.75, 11.18, -12.94 |
| CIE LCh | 79, 17.101, 310.824 |
| Yxy | 54.4888, 0.3032, 0.2942 |
| Android (android.graphics.Color) | 4291673563 (0xFFCDBDDDB) |
| YUV | 197.2040, 10.7454, 6.8371 |
| Hunter-Lab | 73.8165, 6.6263, -8.2278 |

Details

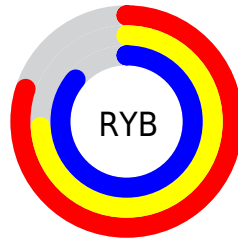
The XYZ color **56.1606, 54.4888, 74.5752** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **59.1474, 67.0351, 57.9684**, and the grayscale version is **53.1327, 55.8997, 60.8748**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **28.2675, 26.8680, 38.8181** is the 20% darker color. If you saturate the color by 10%, you get **49.0733, 44.3632, 72.9951**, and if you desaturate by 10%, it is **64.1467, 66.1366, 76.4034**.

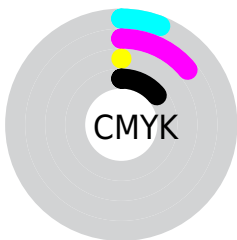
Distribution



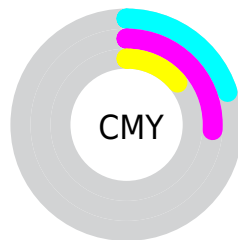
- Red (80%)
- Green (74%)
- Blue (86%)



- Red (80%)
- Yellow (74%)
- Blue (86%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (26%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1606, 54.4888, 74.5752 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 56.1606, 54.4888, 74.5752 by changing the saturation by 10% instead.

■ 56.1606, 54.4888,
74.5752

■ 56.1606, 54.4888,
74.5752

400.3617,
403.9712, 495.6726

■ 40.5692, 38.9926,
54.7653

■ 98.3778, 96.7916,
127.4524

■ 28.1688, 26.7540,
38.8165

125.7343,
124.3669, 161.3568

■ 18.5941, 17.3885,
26.3103

157.7433,
156.7374, 200.7965

■ 11.4796, 10.5119,
16.8281

194.7700,
194.2875, 246.1900

■ 6.4600, 5.7397,
9.9513

237.1798,
237.4015, 297.9558

■ 3.1701, 2.6874,
5.2615

285.3381,

■ 1.2443, 0.9708,

286.4639, 356.5125

2.3401

339.6103,
341.8590, 422.2786

■ 0.1409, 0.0000,
0.7536

■ 0.0000, 0.0000,
0.0000

■ 56.1606, 54.4888,
74.5752

■ 56.1606, 54.4888,
74.5752

■ 49.0733, 44.3632,
72.9951

■ 64.1467, 66.1366,
76.4034

■ 42.8446, 35.6875,
71.6488

■ 73.0598, 79.3609,
78.4861

■ 37.4383, 28.3937,
70.5260

■ 82.9330, 94.2219,
80.8342

■ 32.8136, 22.4057,
69.6139

■ 86.5121, 96.2066,
81.0287

■ 28.9257, 17.6394,
68.8988

■ 89.7863, 97.8945,
81.1819

■ 25.7246, 14.0011,
68.3653

■ 23.1532, 11.3821,
67.9953

■ 21.1427, 9.6516,
67.7672

■ 20.0946, 8.8821,
67.6739

Harmonies

Analogous

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



53.0213, 54.4888, 79.5763



56.1606, 54.4888, 74.5752



58.1811, 54.4888, 65.6623

Triad

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



56.1606, 54.4888, 74.5752



53.9566, 54.4888, 43.4131



45.6590, 54.4888, 62.8972

Complementary

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



56.1606, 54.4888, 74.5752



59.1474, 67.0351, 57.9684

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.



45.8849, 54.4888, 53.4167



56.1606, 54.4888, 74.5752



50.5778, 54.4888, 42.8452

Square

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



56.1606, 54.4888, 74.5752



56.8708, 54.4888, 47.9629



47.6522, 54.4888, 46.3168



47.0211, 54.4888, 72.3623

Rectangle

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



56.1606, 54.4888, 74.5752



58.5714, 54.4888, 59.0616



47.6522, 54.4888, 46.3168



45.5533, 54.4888, 59.5973

Sweetspot

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



56.1622, 54.4911, 74.5764



90.1522, 92.7722, 107.7630



55.2487, 58.8838, 75.4724



19.1042, 19.5748, 23.0214



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.



56.1622, 54.4911, 74.5764



76.7255, 73.2402, 104.7006



60.1330, 56.5457, 74.4191



12.9984, 12.9573, 16.4681



12.0427, 5.3324, 40.1329



0.8793, 0.3966, 2.6046

Inverse Universe

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



58.1924, 55.7695, 64.2000



80.0797, 75.3514, 87.5955



55.5594, 65.1791, 58.0843



13.3077, 13.1522, 14.8814



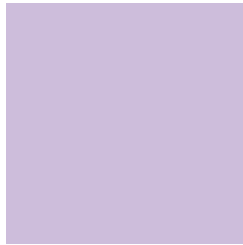
18.8046, 9.5229, 8.6172



1.2615, 0.6342, 0.7861

Previews

White Background



This preview shows how the XYZ color 56.1606, 54.4888, 74.5752 looks on a white background.

Color Contrast Check

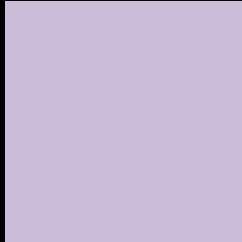
Large Text (above 18pt) WCAG AA × Fail

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 56.1606, 54.4888, 74.5752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

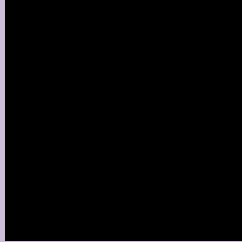
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1606, 54.4888, 74.5752

Background



This preview shows how black text looks on a background with the XYZ color 56.1606, 54.4888, 74.5752.



This preview shows how white text looks on a background with the XYZ color 56.1606, 54.4888,

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

56.1606, 54.4888, 74.5752

Protanopia

53.4900, 54.3610, 76.7807

Deuteranopia

55.8282, 54.6379, 74.6215



Tritanopia

54.4000, 54.4143, 66.0284

Trichromacy



Original Color

56.1606, 54.4888, 74.5752

Protanomaly

54.4065, 54.5218, 76.0629

Deuteranomaly

56.1015, 54.7788, 74.6343

Tritanomaly

55.0732, 54.3674, 69.2193

Monochromacy



Original Color

56.1606, 54.4888, 74.5752

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.1306, 55.2707, 65.5729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1606, 54.4888, 74.5752 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(205, 189, 219)` looks like.

```
.text, #text, p{  
    color:rgb(205, 189, 219)  
}
```

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(205, 189, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 189, 219) }
```

Border

The CSS property to change the border of an element to XYZ 56.1606, 54.4888, 74.5752 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(205, 189, 219) }
```


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

```
.border{ border-color:rgb(205, 189, 219) }
```

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

Here you see how a box with a 4 pixel rgb(205, 189, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 189, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 189, 219);  
box-shadow:4px 4px 4px 4px rgb(205, 189,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1606, 54.4888, 74.5752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 189, 219) }
```

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

```
.background{ background-color: rgb(205,  
189, 219) }
```

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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