

Converting Colors

XYZ(55.9843, 48.2469, 86.5236)

Have a look what the booklet for
XYZ(55.9843, 48.2469, 86.5236)
contains.

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Color

**XYZ(56.0524, 48.1920,
86.4685)**

Conversions

Conversions Part 1

Format	Color
Hex	D2A9ED
RGB	210, 169, 237
RGB Percent	82%, 66%, 93%
CMY	0.1765, 0.3372, 0.0706
CMYK	0.11, 0.29, 0.00, 0.07
HSL	276°, 65%, 80%
HSV	276°, 29%, 93%
XYZ	56.0524, 48.1920, 86.4685
YIQ	189.0110, 2.6080, 29.8400

Conversions

Conversions Part 2

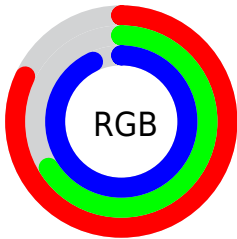
Format	Color
R_{YB}	210, 169, 237
Decimal	13806061
CIE _{Lab}	74.95, 27.29, -28.41
CIE _{LCh}	75, 39.390, 313.851
Yxy	48.1920, 0.2939, 0.2527
Android (android.graphics.Color)	4291996141 (0xFFD2A9ED)
YUV	189.0110, 23.6586, 18.4074
Hunter-Lab	69.4205, 22.6411, -25.2559

Details

The XYZ color **56.0524, 48.1920, 86.4685** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.2121, 75.1699, 48.8740**, and the grayscale version is **48.2454, 50.7579, 55.2754**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **28.1034, 22.7955, 46.6348** is the 20% darker color. If you saturate the color by 10%, you get **49.4360, 38.8194, 85.0089**, and if you desaturate by 10%, it is **63.6286, 59.2480, 88.2040**.

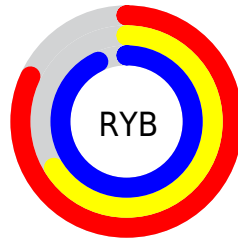
Distribution



Red (82%)

Green (66%)

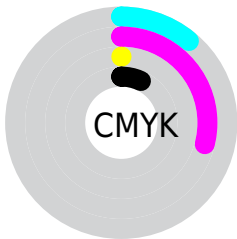
Blue (93%)



Red (82%)

Yellow (66%)

Blue (93%)

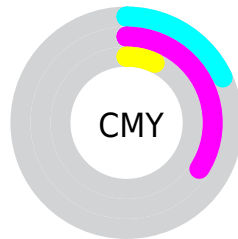


Cyan (11%)

Magenta (29%)

Yellow (0%)

Black (7%)



Cyan (18%)


Magenta (34%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0524, 48.1920, 86.4685 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 56.0524, 48.1920, 86.4685 by changing the saturation by 10% instead.


 56.0524, 48.1920,
86.4685


 56.0524, 48.1920,
86.4685


399.9608,
379.5527, 536.7456

 40.4821, 33.9790,
64.4983


 98.2206, 87.4902,
144.3154

 28.1005, 22.8774,
46.6057


 125.5491,
113.3442, 181.0292

 18.5423, 14.5030,
32.3719

157.5278,
143.8472, 223.4947

 11.4421, 8.4714,
21.3786

194.5220,
179.3837, 272.1304

 6.4345, 4.3980,
13.2071

236.8970,
220.3382, 327.3547

 3.1542, 1.8986,
7.4389

285.0183,

 1.2358, 0.5475,

267.0949, 389.5864

3.6555

339.2511,
320.0382, 459.2438

■ 0.1344, 0.0000,
1.4383

■ 0.0000, 0.0000,
0.1713

■ 56.0524, 48.1920,
86.4685

■ 56.0524, 48.1920,
86.4685

■ 49.4360, 38.8194,
85.0089

■ 63.6286, 59.2480,
88.2040

■ 43.7287, 31.0364,
83.8074

■ 72.2025, 72.0627,
90.2256

■ 38.8823, 24.7491,
82.8493

■ 81.8155, 86.7139,
92.5469

■ 34.8411, 19.8508,
82.1168

■ 89.6314, 97.5259,
94.2218

■ 31.5425, 16.2203,
81.5899

■ 92.2862, 98.8945,
94.3461

■ 28.9126, 13.7143,
81.2448

■ 26.8441, 12.1228,
81.0466

■ 26.5961, 11.9449,
81.0254

Harmonies

Analogous

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



49.1908, 48.1920, 100.9939



56.0524, 48.1920, 86.4685



60.3895, 48.1920, 64.2580

Triad

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



56.0524, 48.1920, 86.4685



49.7538, 48.1920, 22.9167



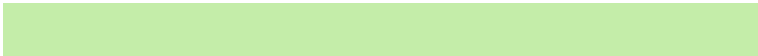
33.6640, 48.1920, 62.5207

Complementary

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



56.0524, 48.1920, 86.4685



60.2121, 75.1699, 48.8740

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.



33.7809, 48.1920, 42.2247



56.0524, 48.1920, 86.4685



42.5783, 48.1920, 22.6812

Square

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



56.0524, 48.1920, 86.4685



56.5015, 48.1920, 29.5680



36.8895, 48.1920, 28.8096



36.5517, 48.1920, 84.9136

Rectangle

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



56.0524, 48.1920, 86.4685



61.0092, 48.1920, 49.8614



36.8895, 48.1920, 28.8096



33.3633, 48.1920, 55.1740

Sweetspot

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



56.0540, 48.1940, 86.4696



84.8872, 84.5339, 106.4504



51.4351, 54.1215, 87.8571



17.8380, 17.5945, 22.7059



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.



56.0540, 48.1940, 86.4696



61.7976, 50.6416, 101.1255



63.4254, 52.1068, 81.7260



15.1025, 14.9981, 19.0212



14.6722, 6.5997, 44.2435



1.2600, 0.5738, 3.4792

Inverse Universe

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



59.0784, 50.3680, 58.8347



66.0449, 53.6749, 63.2077



54.4647, 72.1313, 52.0249



15.3132, 15.1531, 16.9346



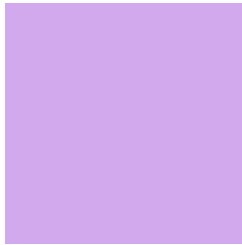
20.2338, 10.2962, 7.0327



1.6351, 0.8270, 0.7958

Previews

White Background



This preview shows how the XYZ color 56.0524, 48.1920, 86.4685 looks on a white background.

Color Contrast Check

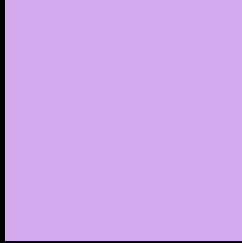
Large Text (above 18pt) WCAG AA × Fail

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 56.0524, 48.1920, 86.4685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

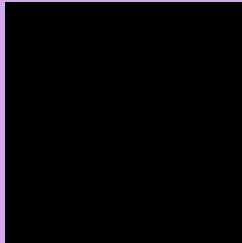
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0524, 48.1920, 86.4685

Background



This preview shows how black text looks on a background with the XYZ color 56.0524, 48.1920, 86.4685.



This preview shows how white text looks on a background with the XYZ color 56.0524, 48.1920,

86.4685.

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

56.0524, 48.1920, 86.4685

Protanopia

49.4528, 48.3868, 94.7288

Deuteranopia

49.4238, 48.2760, 85.3106



Tritanopia

50.0634, 48.3431, 56.5617

Trichromacy



Original Color

56.0524, 48.1920, 86.4685

Protanomaly

51.4282, 47.9826, 91.3450

Deuteranomaly

51.6015, 48.1918, 85.9391

Tritanomaly

52.1687, 48.3358, 66.2547

Monochromacy



Original Color

56.0524, 48.1920, 86.4685

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.8945, 49.7824, 65.3191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0524, 48.1920, 86.4685 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(210, 169, 237)` looks like.

```
.text, #text, p{  
    color:rgb(210, 169, 237)  
}
```

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(210, 169, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 169, 237) }
```

Border

The CSS property to change the border of an element to XYZ 56.0524, 48.1920, 86.4685 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(210, 169, 237) }
```


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

```
.border{ border-color:rgb(210, 169, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 169, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 169, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 169, 237);  
box-shadow:4px 4px 4px 4px rgb(210, 169,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0524, 48.1920, 86.4685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 169, 237) }
```

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

```
.background{ background-color: rgb(210,  
169, 237) }
```

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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