

Converting Colors

XYZ(56.0046, 55.5943, 77.1503)

Have a look what the booklet for
XYZ(56.0046, 55.5943, 77.1503)
contains.

XYZ(56.0742, 55.6932, 76.9017)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.0742, 55.6932,
76.9017)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C1DE
RGB	200, 193, 222
RGB Percent	78%, 76%, 87%
CMY	0.2157, 0.2431, 0.1294
CMYK	0.10, 0.13, 0.00, 0.13
HSL	254°, 31%, 81%
HSV	254°, 13%, 87%
XYZ	56.0742, 55.6932, 76.9017
YIQ	198.3990, -5.1370, 10.5030

Conversions

Conversions Part 2

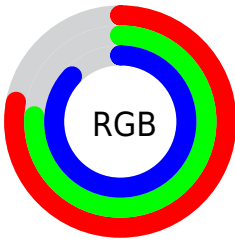
Format	Color
R _Y B	200, 193, 222
Decimal	13156830
CIE Lab	79.44, 7.98, -13.56
CIE LCh	79, 15.733, 300.467
Yxy	55.6932, 0.2972, 0.2952
Android (android.graphics.Color)	4291346910 (0xFFC8C1DE)
YUV	198.3990, 11.6353, 1.4041
Hunter-Lab	74.6279, 3.5233, -8.8570

Details

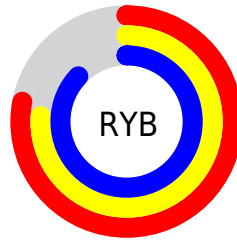
The XYZ color **56.0742, 55.6932, 76.9017** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.7732, 70.5413, 60.7094**, and the grayscale version is **53.8543, 56.6589, 61.7015**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **28.2072, 27.6572, 40.4109** is the 20% darker color. If you saturate the color by 10%, you get **47.2773, 44.4128, 75.1889**, and if you desaturate by 10%, it is **66.1067, 68.7071, 78.8857**.

Distribution



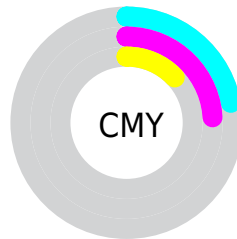
- Red (78%)
- Green (76%)
- Blue (87%)



- Red (78%)
- Yellow (76%)
- Blue (87%)



- Cyan (10%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0742, 55.6932, 76.9017 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 56.0742, 55.6932, 76.9017 by changing the saturation by 10% instead.

■ 56.0742, 55.6932,
76.9017

■ 56.0742, 55.6932,
76.9017

400.0416,
408.5343, 503.8576

■ 40.4997, 39.9570,
56.6611

■ 98.2522, 98.5559,
130.7725

■ 28.1143, 27.5050,
40.3257

125.5864,
126.4511, 165.2397

■ 18.5527, 17.9529,
27.4768

157.5712,
159.1682, 205.2863

■ 11.4496, 10.9162,
17.6961

194.5720,
197.0914, 251.3307

■ 6.4396, 6.0105,
10.5648

236.9540,
240.6052, 303.7915

■ 3.1574, 2.8515,
5.6646

285.0827,

■ 1.2375, 1.0547,

290.0941, 363.0872

2.5767

339.3235,
345.9423, 429.6364

■ 0.1357, 0.0000,
0.8804

■ 0.0000, 0.0000,
0.0000

■ 56.0742, 55.6932,
76.9017

■ 56.0742, 55.6932,
76.9017

■ 47.2773, 44.4128,
75.1889

■ 66.1067, 68.7071,
78.8857

■ 39.6622, 34.7851,
73.7319

■ 77.4157, 83.5166,
81.1482

■ 33.1786, 26.7334,
72.5195

■ 88.5597, 97.2161,
83.2051

■ 27.7705, 20.1723,
71.5381

■ 90.1850, 98.0540,
83.2812

■ 23.3768, 15.0076,
70.7728

■ 19.9301, 11.1347,
70.2069

■ 17.3540, 8.4334,
69.8213

■ 15.5587, 6.7598,
69.5929

■ 14.6835, 6.0465,
69.5013

Harmonies

Analogous

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



52.9842, 55.6932, 79.7492



56.0742, 55.6932, 76.9017



58.3967, 55.6932, 69.6246

Triad

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



56.0742, 55.6932, 76.9017



55.9852, 55.6932, 46.7309



47.0909, 55.6932, 60.7822

Complementary

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



56.0742, 55.6932, 76.9017



63.7732, 70.5413, 60.7094

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.



47.8244, 55.6932, 52.4644



56.0742, 55.6932, 76.9017



52.8853, 55.6932, 44.8574

Square

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



56.0742, 55.6932, 76.9017



58.3439, 55.6932, 52.2419



49.9147, 55.6932, 46.8501



47.8706, 55.6932, 69.8940

Rectangle

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



56.0742, 55.6932, 76.9017



59.1529, 55.6932, 63.5670



49.9147, 55.6932, 46.8501



47.1683, 55.6932, 57.8051

Sweetspot

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



56.0759, 55.6955, 76.9029



89.0920, 92.2256, 107.7134



59.5389, 65.3329, 78.5806



18.8363, 19.4367, 23.0088



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.



56.0759, 55.6955, 76.9029



72.9019, 71.2690, 104.5217



60.0660, 57.7525, 77.0897



13.2602, 13.4022, 17.2757



8.8053, 3.6346, 41.2858



0.6902, 0.2931, 2.8654

Inverse Universe

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



61.4618, 58.5782, 72.3599



81.8422, 76.0564, 96.8766



59.7645, 68.4748, 60.5217



14.1462, 13.8761, 16.5401



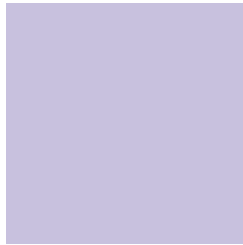
22.1608, 10.9313, 23.3103



1.5704, 0.7714, 1.7966

Previews

White Background



This preview shows how the XYZ color 56.0742, 55.6932, 76.9017 looks on a white background.

Color Contrast Check

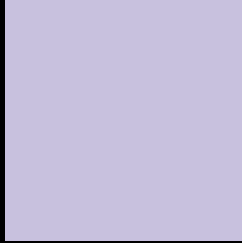
Large Text (above 18pt) WCAG AA × Fail

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 56.0742, 55.6932, 76.9017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

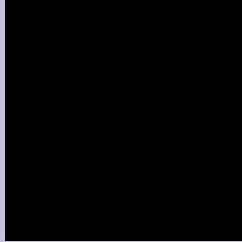
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0742, 55.6932, 76.9017

Background



This preview shows how black text looks on a background with the XYZ color 56.0742, 55.6932, 76.9017.



This preview shows how white text looks on a background with the XYZ color 56.0742, 55.6932,

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

56.0742, 55.6932, 76.9017

Protanopia

54.5726, 55.5644, 77.6608

Deuteranopia

56.9363, 55.8106, 76.8789



Tritanopia

54.4367, 55.6891, 68.8527

Trichromacy



Original Color

56.0742, 55.6932, 76.9017

Protanomaly

55.1167, 55.5134, 77.6222

Deuteranomaly

56.6631, 55.6697, 76.8661

Tritanomaly

54.9826, 55.5807, 71.4486

Monochromacy



Original Color

56.0742, 55.6932, 76.9017

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.5556, 56.1270, 66.9897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0742, 55.6932, 76.9017 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(200, 193, 222)` looks like.

```
.text, #text, p{  
    color:rgb(200, 193, 222)  
}
```

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(200, 193, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 193, 222) }
```

Border

The CSS property to change the border of an element to XYZ 56.0742, 55.6932, 76.9017 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(200, 193, 222) }
```


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

```
.border{ border-color:rgb(200, 193, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 193, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 193, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 193, 222);  
box-shadow:4px 4px 4px 4px rgb(200, 193,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0742, 55.6932, 76.9017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 193, 222) }
```

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

```
.background{ background-color: rgb(200,  
193, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor