

Converting Colors

XYZ(59.2675, 55.3847, 76.6629)

Have a look what the booklet for
XYZ(59.2675, 55.3847, 76.6629)
contains.

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Color

**XYZ(59.2740, 55.4135,
76.6790)**

Conversions

Conversions Part 1

Format	Color
Hex	D8BBDE
RGB	216, 187, 222
RGB Percent	85%, 73%, 87%
CMY	0.1529, 0.2666, 0.1294
CMYK	0.03, 0.16, 0.00, 0.13
HSL	290°, 35%, 80%
HSV	290°, 16%, 87%
XYZ	59.2740, 55.4135, 76.6790
YIQ	199.6610, 6.0490, 17.0330

Conversions

Conversions Part 2

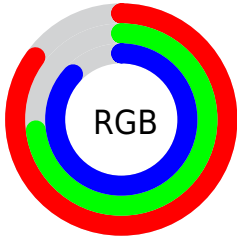
Format	Color
R _Y B	216, 187, 222
Decimal	14203870
CIE Lab	79.28, 16.50, -13.66
CIE LCh	79, 21.420, 320.365
Yxy	55.4135, 0.3097, 0.2896
Android (android.graphics.Color)	4292393950 (0xFFD8BBDE)
YUV	199.6610, 11.0131, 14.3293
Hunter-Lab	74.4402, 11.8625, -8.9649

Details

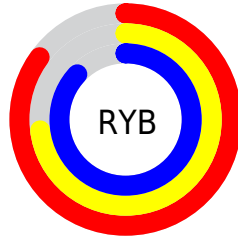
The XYZ color **59.2740, 55.4135, 76.6790** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **57.0853, 67.1693, 56.9728**, and the grayscale version is **54.6245, 57.4693, 62.5840**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **30.1981, 27.4173, 40.2597** is the 20% darker color. If you saturate the color by 10%, you get **53.8127, 46.1400, 75.1777**, and if you desaturate by 10%, it is **65.4927, 66.1612, 78.4266**.

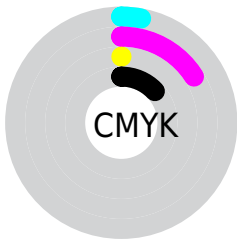
Distribution



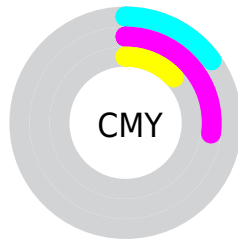
- Red (85%)
- Green (73%)
- Blue (87%)



- Red (85%)
- Yellow (73%)
- Blue (87%)



- Cyan (3%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2740, 55.4135, 76.6790 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 59.2740, 55.4135, 76.6790 by changing the saturation by 10% instead.

■ 59.2740, 55.4135,
76.6790

■ 59.2740, 55.4135,
76.6790

411.7943,
407.4775, 503.0774

■ 43.0809, 39.7329,
56.4795

■ 102.8881, 98.1465,
130.4551

■ 30.1434, 27.3303,
40.1809

131.0399,
125.9677, 164.8688

■ 20.0961, 17.8215,
27.3648

163.9087,
158.6046, 204.8576

■ 12.5736, 10.8219,
17.6125

201.8598,
196.4415, 250.8401

■ 7.2105, 5.9472,
10.5056

245.2585,
239.8628, 303.2348

■ 3.6416, 2.8130,
5.6255

294.4703,

■ 1.5015, 1.0349,

289.2530, 362.4602

2.5536

349.8604,
344.9964, 428.9349

■ 0.3268, 0.0000,
0.8684

■ 0.0000, 0.0000,
0.0000

■ 59.2740, 55.4135,
76.6790

■ 59.2740, 55.4135,
76.6790

■ 53.8127, 46.1400,
75.1777

■ 65.4927, 66.1612,
78.4266

■ 49.0703, 38.2669,
73.9080

■ 72.4952, 78.4385,
80.4273

■ 45.0123, 31.7244,
72.8591

■ 80.3126, 92.3065,
82.6920

■ 41.5994, 26.4344,
72.0178

■ 81.9727, 93.8204,
82.8968

38.7882, 22.3100,
71.3699

83.2162, 94.4615,
82.9550

36.5296, 19.2534,
70.8990

84.4866, 95.1164,
83.0144

34.7665, 17.1507,
70.5860

85.7841, 95.7853,
83.0751

33.4285, 15.8614,
70.4077

87.1088, 96.4681,
83.1371

32.9381, 15.4571,
70.3555

88.4608, 97.1651,
83.2004

Harmonies

Analogous

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



55.5891, 55.4135, 85.2783



59.2740, 55.4135, 76.6790



61.2189, 55.4135, 64.3733

Triad

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



59.2740, 55.4135, 76.6790



54.0604, 55.4135, 39.9296



45.3143, 55.4135, 68.9277

Complementary

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



59.2740, 55.4135, 76.6790



57.0853, 67.1693, 56.9728

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.



44.9545, 55.4135, 56.4709



59.2740, 55.4135, 76.6790



49.8527, 55.4135, 40.8033

Square

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



59.2740, 55.4135, 76.6790



58.1029, 55.4135, 43.9234



46.5736, 55.4135, 46.4975



47.5847, 55.4135, 80.3990

Rectangle

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



59.2740, 55.4135, 76.6790



61.1988, 55.4135, 56.1884



46.5736, 55.4135, 46.4975



44.9709, 55.4135, 64.6826

Sweetspot

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



59.2757, 55.4159, 76.6802



90.3170, 91.7210, 107.5514



52.8429, 54.1657, 76.7779



19.1939, 19.3922, 22.9814



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.



59.2757, 55.4159, 76.6802



78.5038, 71.3464, 104.2414



59.6436, 55.7716, 69.1962



14.0524, 13.8105, 17.3127



19.6474, 9.2239, 41.7932



1.4235, 0.6711, 2.8998

Inverse Universe

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



57.5221, 54.9230, 58.0243



75.6912, 70.5668, 73.8246



56.8194, 66.8898, 63.3951



13.8027, 13.7387, 14.7309



18.1296, 9.3189, 2.0825



1.2858, 0.6576, 0.2977

Previews

White Background



This preview shows how the XYZ color 59.2740, 55.4135, 76.6790 looks on a white background.

Color Contrast Check

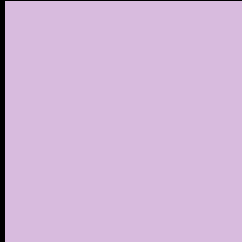
Large Text (above 18pt) WCAG AA × Fail

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 59.2740, 55.4135, 76.6790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

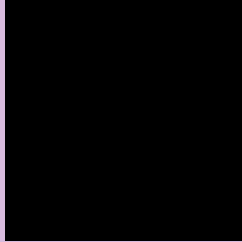
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2740, 55.4135, 76.6790

Background



This preview shows how black text looks on a background with the XYZ color 59.2740, 55.4135, 76.6790.



This preview shows how white text looks on a background with the XYZ color 59.2740, 55.4135,

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

59.2740, 55.4135, 76.6790

Protanopia

54.8661, 55.6526, 80.5233

Deuteranopia

56.5838, 55.3194, 76.1020



Tritanopia

56.8735, 55.3808, 65.4496

Trichromacy



Original Color

59.2740, 55.4135, 76.6790

Protanomaly

56.2597, 55.4149, 78.9651

Deuteranomaly

57.4770, 55.4573, 76.0816

Tritanomaly

57.6870, 55.3945, 69.2798

Monochromacy



Original Color

59.2740, 55.4135, 76.6790

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.3539, 56.7061, 67.6497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2740, 55.4135, 76.6790 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(216, 187, 222)` looks like.

```
.text, #text, p{  
    color:rgb(216, 187, 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(216, 187, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 187, 222) }
```

Border

The CSS property to change the border of an element to XYZ 59.2740, 55.4135, 76.6790 is called "border". The border property can be set on classes, ids or directly on the HTML element.

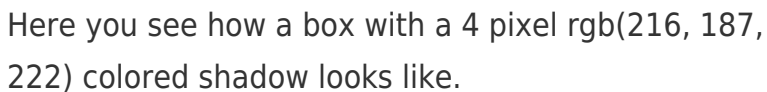
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 187, 222) }
```


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

```
.border{ border-color:rgb(216, 187, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 187, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 187, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 187, 222); box-shadow:4px 4px 4px 4px rgb(216, 187, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2740, 55.4135, 76.6790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 187, 222) }
```

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

```
.background{ background-color: rgb(216,  
187, 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](#).

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