

Converting Colors

XYZ(59.5520, 56.6813, 79.1030)

Have a look what the booklet for
XYZ(59.5520, 56.6813, 79.1030)
contains.

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Color

**XYZ(59.6620, 56.8440,
79.0616)**

Conversions

Conversions Part 1

Format	Color
Hex	D5BFE1
RGB	213, 191, 225
RGB Percent	84%, 75%, 88%
CMY	0.1647, 0.2510, 0.1176
CMYK	0.05, 0.15, 0.00, 0.12
HSL	279°, 36%, 82%
HSV	279°, 15%, 88%
XYZ	59.6620, 56.8440, 79.0616
YIQ	201.4540, 2.1980, 15.2380

Conversions

Conversions Part 2

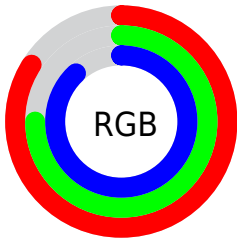
Format	Color
R _{YB}	213, 191, 225
Decimal	14008289
CIE _{Lab}	80.09, 13.92, -14.09
CIE _{LCh}	80, 19.806, 314.664
Yxy	56.8440, 0.3051, 0.2907
Android (android.graphics.Color)	4292198369 (0xFFD5BFE1)
YUV	201.4540, 11.6082, 10.1258
Hunter-Lab	75.3950, 9.3105, -9.3969

Details

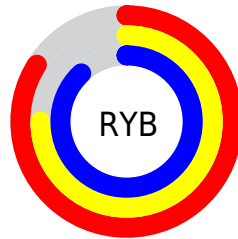
The XYZ color **59.6620, 56.8440, 79.0616** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **60.9598, 70.3100, 59.6513**, and the grayscale version is **55.7298, 58.6320, 63.8503**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **30.4447, 28.3483, 41.8974** is the 20% darker color. If you saturate the color by 10%, you get **52.8802, 46.6160, 77.4457**, and if you desaturate by 10%, it is **67.3138, 68.6425, 80.9365**.

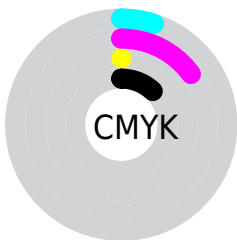
Distribution



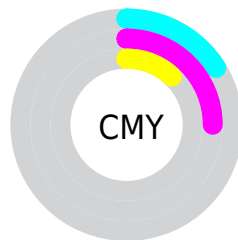
- Red (84%)
- Green (75%)
- Blue (88%)



- Red (84%)
- Yellow (75%)
- Blue (88%)



- Cyan (5%)
- Magenta (15%)
- Yellow (0%)
- Black (12%)



- Cyan (16%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6620, 56.8440, 79.0616 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 59.6620, 56.8440, 79.0616 by changing the saturation by 10% instead.

■ 59.6620, 56.8440,
79.0616

■ 59.6620, 56.8440,
79.0616

413.2055,
412.8645, 511.3878

■ 43.3947, 40.8800,
58.4248

■ 103.4483,
100.2375, 133.8450

■ 30.3908, 28.2253,
41.7333

131.6981,
128.4359, 168.8288

■ 20.2849, 18.4956,
28.5685

164.6726,
161.4811, 209.4319

■ 12.7118, 11.3064,
18.5119

202.7374,
199.7576, 256.0731

■ 7.3060, 6.2733,
11.1449

246.2577,
243.6498, 309.1707

■ 3.7022, 3.0120,
6.0490

295.5989,

■ 1.5351, 1.1380,

293.5421, 369.1433

2.8056

351.1264,
349.8189, 436.4095

■ 0.3495, 0.0102,
0.9963

■ 0.0000, 0.0000,
0.0000

■ 59.6620, 56.8440,
79.0616

■ 59.6620, 56.8440,
79.0616

■ 52.8802, 46.6160,
77.4457

■ 67.3138, 68.6425,
80.9365

■ 46.9273, 37.8818,
76.0736

■ 75.8641, 82.0693,
83.0775

■ 41.7666, 30.5692,
74.9341

■ 84.2180, 94.9310,
85.1198

■ 37.3561, 24.5967,
74.0138

■ 86.9262, 96.3272,
85.2465

■ 33.6496, 19.8747,
73.2977

■ 89.7534, 97.7846,
85.3788

■ 30.5954, 16.3021,
72.7691

■ 90.5908, 98.2163,
85.4180

■ 28.1335, 13.7616,
72.4085

■ 26.1905, 12.1094,
72.1920

■ 25.3711, 11.5093,
72.1193

Harmonies

Analogous

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



56.0144, 56.8440, 85.9471



59.6620, 56.8440, 79.0616



61.8532, 56.8440, 67.9519

Triad

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



59.6620, 56.8440, 79.0616



56.1045, 56.8440, 42.8597



46.8718, 56.8440, 67.6844

Complementary

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



59.6620, 56.8440, 79.0616



60.9598, 70.3100, 59.6513

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.



46.8932, 56.8440, 56.2063



59.6620, 56.8440, 79.0616



52.0901, 56.8440, 42.8069

Square

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



59.6620, 56.8440, 79.0616



59.7307, 56.8440, 47.5644



48.7613, 56.8440, 47.4101



48.7013, 56.8440, 78.8449

Rectangle

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



59.6620, 56.8440, 79.0616



62.1275, 56.8440, 60.1061



48.7613, 56.8440, 47.4101



46.6658, 56.8440, 63.7159

Sweetspot

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



59.6637, 56.8464, 79.0628



89.4803, 91.2896, 107.5123



56.5450, 59.4476, 79.7293



18.9901, 19.2872, 22.9719



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.



59.6637, 56.8464, 79.0628



76.4038, 71.1858, 104.3211



62.6640, 58.4636, 76.0177



13.8011, 13.6810, 17.3010



14.7510, 6.6997, 41.5641



1.1185, 0.5139, 2.8855

Inverse Universe

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



60.4636, 57.5835, 64.4305



77.6967, 72.3627, 81.3220



58.3239, 68.8926, 62.1727



13.9060, 13.7800, 15.2754



18.7655, 9.5732, 5.4311



1.3422, 0.6802, 0.5950

Previews

White Background



This preview shows how the XYZ color 59.6620, 56.8440, 79.0616 looks on a white background.

Color Contrast Check

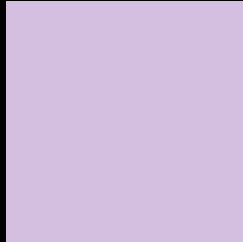
Large Text (above 18pt) WCAG AA × Fail

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 59.6620, 56.8440, 79.0616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

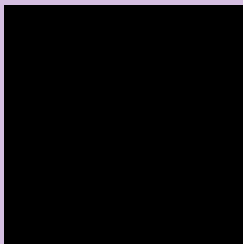
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6620, 56.8440, 79.0616

Background



This preview shows how black text looks on a background with the XYZ color 59.6620, 56.8440, 79.0616.



This preview shows how white text looks on a background with the XYZ color 59.6620, 56.8440,

79.0616.

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

59.6620, 56.8440, 79.0616

Protanopia

56.1014, 56.9271, 82.1599

Deuteranopia

58.3360, 57.1416, 79.1890



Tritanopia

57.6644, 57.0359, 68.2914

Trichromacy



Original Color

59.6620, 56.8440, 79.0616

Protanomaly

57.3381, 56.9110, 81.3617

Deuteranomaly

58.9551, 57.1315, 79.1544

Tritanomaly

58.4871, 57.0433, 72.2178

Monochromacy



Original Color

59.6620, 56.8440, 79.0616

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.7759, 57.5648, 69.0915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6620, 56.8440, 79.0616 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(213, 191, 225)` looks like.

```
.text, #text, p{  
    color:rgb(213, 191, 225)  
}
```

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(213, 191, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 191, 225) }
```

Border

The CSS property to change the border of an element to XYZ 59.6620, 56.8440, 79.0616 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(213, 191, 225) }
```


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

```
.border{ border-color:rgb(213, 191, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 191, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 191, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 191, 225);  
box-shadow:4px 4px 4px 4px rgb(213, 191,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6620, 56.8440, 79.0616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 191, 225) }
```

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

```
.background{ background-color: rgb(213,  
191, 225) }
```

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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