

Converting Colors

XYZ(72.2881, 68.7362, 95.6147)

Have a look what the booklet for
XYZ(72.2881, 68.7362, 95.6147)
contains.

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Color

**XYZ(72.3160, 68.8601,
95.8661)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D0F5
RGB	232, 208, 245
RGB Percent	91%, 82%, 96%
CMY	0.0902, 0.1843, 0.0392
CMYK	0.05, 0.15, 0.00, 0.04
HSL	279°, 65%, 89%
HSV	279°, 15%, 96%
XYZ	72.3160, 68.8601, 95.8661
YIQ	219.3940, 2.4270, 16.5950

Conversions

Conversions Part 2

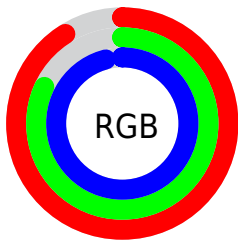
Format	Color
R _Y B	232, 208, 245
Decimal	15257845
CIE Lab	86.43, 14.93, -15.08
CIE LCh	86, 21.219, 314.718
Yxy	68.8601, 0.3051, 0.2905
Android (android.graphics.Color)	4293447925 (0xFFE8D0F5)
YUV	219.3940, 12.6238, 11.0555
Hunter-Lab	82.9820, 10.3382, -10.4082

Details

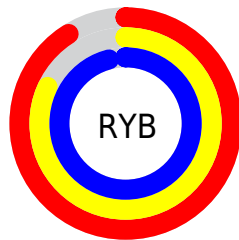
The XYZ color **72.3160, 68.8601, 95.8661** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.8589, 85.2328, 72.2367**, and the grayscale version is **67.5211, 71.0375, 77.3598**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6454, 36.0154, 53.0590** is the 20% darker color. If you saturate the color by 10%, you get **64.0722, 56.4188, 93.9002**, and if you desaturate by 10%, it is **81.6235, 83.2231, 98.1489**.

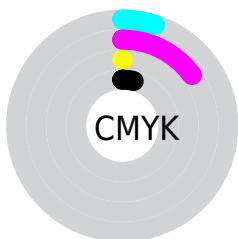
Distribution



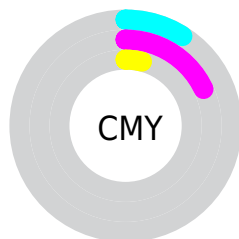
- Red (91%)
- Green (82%)
- Blue (96%)



- Red (91%)
- Yellow (82%)
- Blue (96%)



- Cyan (5%)
- Magenta (15%)
- Yellow (0%)
- Black (4%)



- Cyan (9%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.3160, 68.8601, 95.8661 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 72.3160, 68.8601, 95.8661 by changing the saturation by 10% instead.

72.3160, 68.8601,
95.8661

72.3160, 68.8601,
95.8661

457.7813,
456.5374, 567.9890

53.7032, 50.5978,
72.2552

121.5141,
117.5817, 157.4665

38.5942, 35.8886,
52.8790

152.8301,
148.8098, 196.2930

26.6235, 24.3482,
37.3192

189.1112,
185.1287, 241.0285

17.4258, 15.5921,
25.1570

230.7229,
226.9226, 292.0914

10.6357, 9.2360,
15.9740

278.0303,
274.5761, 349.9004

5.8879, 4.8954,
9.3516

331.3990,

2.8171, 2.1860,

328.4734, 414.8740

4.8713

391.1942,
388.9991, 487.4307

■ 1.0578, 0.7124,
2.1145

■ 0.0000, 0.0000,
0.6244

■ 72.3160, 68.8601,
95.8661

■ 72.3160, 68.8601,
95.8661

■ 64.0722, 56.4188,
93.9002

■ 81.6235, 83.2231,
98.1489

■ 56.8417, 45.8051,
92.2327

■ 91.3868, 98.2927,
100.5431

■ 50.5790, 36.9297,
90.8496

■ 93.4816, 99.3727,
100.6411

■ 45.2327, 29.6925,
89.7345

■ 40.7459, 23.9828,
88.8689

■ 37.0544, 19.6759,
88.2321

■ 34.0843, 16.6265,
87.8001

■ 31.7444, 14.6562,
87.5431

■ 30.7626, 13.9548,
87.4595

Harmonies

Analogous

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



67.8762, 68.8601, 104.2698



72.3160, 68.8601, 95.8661



74.9805, 68.8601, 82.3277

Triad

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



72.3160, 68.8601, 95.8661



67.9682, 68.8601, 51.8125



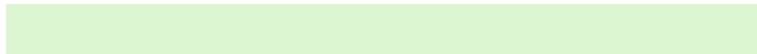
56.7405, 68.8601, 82.0546

Complementary

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



72.3160, 68.8601, 95.8661



73.8589, 85.2328, 72.2367

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.



56.7624, 68.8601, 68.0773



72.3160, 68.8601, 95.8661



63.0812, 68.8601, 51.7588

Square

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



72.3160, 68.8601, 95.8661



72.3862, 68.8601, 57.5241



59.0319, 68.8601, 57.3666



58.9707, 68.8601, 95.6447

Rectangle

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



72.3160, 68.8601, 95.8661



75.3113, 68.8601, 72.7760



59.0319, 68.8601, 57.3666



56.4885, 68.8601, 77.2218

Sweetspot

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



72.3181, 68.8630, 95.8676



89.4875, 91.2934, 107.5126



68.5028, 72.0180, 96.6777



18.9919, 19.2881, 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.



72.3181, 68.8630, 95.8676



76.4284, 71.1984, 104.3222



75.9522, 70.8223, 92.1584



16.6156, 16.4600, 20.8439



16.7279, 7.5978, 47.1229



1.5812, 0.7250, 4.1468

Inverse Universe

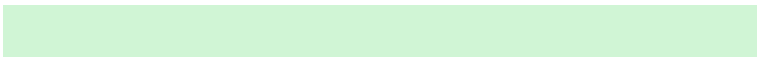
The Inverse Universe completely reimagines the original color for something new.



73.2656, 69.7477, 78.0111



77.6868, 72.3587, 81.2695



70.6691, 83.5172, 75.3053



16.7396, 16.5787, 18.3752



21.2522, 10.8443, 6.0363



1.9147, 0.9718, 0.7772

Previews

White Background



This preview shows how the XYZ color 72.3160, 68.8601, 95.8661 looks on a white background.

Color Contrast Check

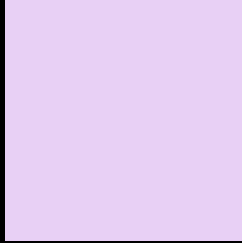
Large Text (above 18pt) WCAG AA × Fail

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 72.3160, 68.8601, 95.8661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

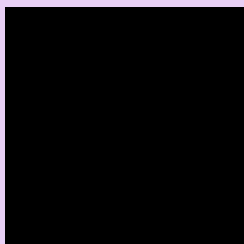
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.3160, 68.8601, 95.8661

Background



This preview shows how black text looks on a background with the XYZ color 72.3160, 68.8601, 95.8661.



This preview shows how white text looks on a background with the XYZ color 72.3160, 68.8601,

95.8661.

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

72.3160, 68.8601, 95.8661

Protanopia

67.9777, 69.1421, 99.3855

Deuteranopia

70.3639, 68.9675, 95.1914



Tritanopia

69.6110, 68.8480, 83.0189

Trichromacy



Original Color

72.3160, 68.8601, 95.8661

Protanomaly

69.4002, 68.7697, 98.4230

Deuteranomaly

71.0543, 68.9557, 95.1528

Tritanomaly

70.5310, 68.8567, 87.4152

Monochromacy



Original Color

72.3160, 68.8601, 95.8661

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.0445, 70.0496, 83.2807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3160, 68.8601, 95.8661 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(232, 208, 245)` looks like.

```
.text, #text, p{  
    color:rgb(232, 208, 245)  
}
```

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(232, 208, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 208, 245) }
```

Border

The CSS property to change the border of an element to XYZ 72.3160, 68.8601, 95.8661 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(232, 208, 245) }
```


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

```
.border{ border-color:rgb(232, 208, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 208, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 208, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 208, 245);  
box-shadow:4px 4px 4px 4px rgb(232, 208,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3160, 68.8601, 95.8661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 208, 245) }
```

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

```
.background{ background-color: rgb(232,  
208, 245) }
```

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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