

Converting Colors

XYZ(61.0692, 51.7645, 80.1716)

Have a look what the booklet for
XYZ(61.0692, 51.7645, 80.1716)
contains.

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Color

**XYZ(61.0692, 51.7645,
80.1716)**

Conversions

Conversions Part 1

Format	Color
Hex	E5ACE4
RGB	229, 172, 228
RGB Percent	90%, 67%, 89%
CMY	0.1020, 0.3255, 0.1059
CMYK	0.00, 0.25, 0.00, 0.10
HSL	301°, 52%, 79%
HSV	301°, 25%, 90%
XYZ	61.0692, 51.7645, 80.1716
YIQ	195.4270, 15.9960, 29.5000

Conversions

Conversions Part 2

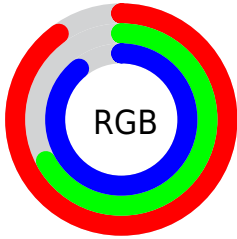
Format	Color
R _Y B	229, 172, 228
Decimal	15052004
CIE Lab	77.14, 29.99, -20.01
CIE LCh	77, 36.052, 326.280
Yxy	51.7645, 0.3164, 0.2682
Android (android.graphics.Color)	4293242084 (0xFFE5ACE4)
YUV	195.4270, 16.0585, 29.4435
Hunter-Lab	71.9476, 25.6029, -15.7039

Details

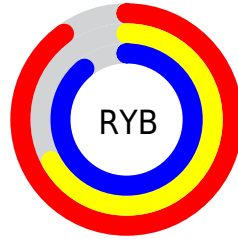
The XYZ color **61.0692, 51.7645, 80.1716** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.5775, 67.8280, 49.8590**, and the grayscale version is **52.0282, 54.7378, 59.6094**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **31.2768, 25.0564, 42.2176** is the 20% darker color. If you saturate the color by 10%, you get **57.0256, 43.7656, 78.5493**, and if you desaturate by 10%, it is **65.8671, 61.2699, 82.0471**.

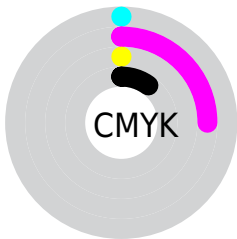
Distribution



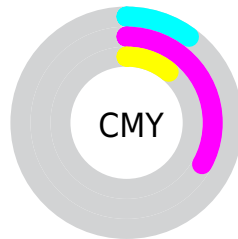
- Red (90%)
- Green (67%)
- Blue (89%)



- Red (90%)
- Yellow (67%)
- Blue (89%)



- Cyan (0%)
- Magenta (25%)
- Yellow (0%)
- Black (10%)



- Cyan (10%)
- Magenta (33%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0692, 51.7645, 80.1716 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 61.0692, 51.7645, 80.1716 by changing the saturation by 10% instead.

61.0692, 51.7645,
80.1716

61.0692, 51.7645,
80.1716

418.2995,
393.5268, 515.2330

44.5338, 36.8174,
59.3326

105.4767, 92.7838,
135.4205

31.2901, 25.0661,
42.4591

134.0794,
119.6249, 170.6675

20.9727, 16.1263,
29.1327

167.4353,
151.1993, 211.5543

13.2164, 9.6136,
18.9348

205.9097,
187.8916, 258.4993

7.6558, 5.1435,
11.4468

249.8680,
230.0861, 311.9211

3.9254, 2.3317,
6.2503

299.6755,

1.6600, 0.7904,

278.1672, 372.2383

2.9266

355.6976,
332.5193, 439.8694

■ 0.4311, 0.0000,
1.0573

■ 0.0000, 0.0000,
0.0000

■ 61.0692, 51.7645,
80.1716

■ 61.0692, 51.7645,
80.1716

■ 57.0256, 43.7656,
78.5493

■ 65.8671, 61.2699,
82.0471

■ 53.6930, 37.1894,
77.1640

■ 71.4502, 72.3465,
84.1845

■ 51.0310, 31.9542,
76.0030

■ 77.8536, 85.0634,
86.5958

■ 48.9934, 27.9676,
75.0507

■ 82.3016, 93.8695,
88.3561

47.5280, 25.1251,
74.2898

82.3580, 93.8920,
88.6531

46.5742, 23.3056,
73.7000

82.4145, 93.9146,
88.9508

46.0576, 22.3605,
73.2566

82.4712, 93.9373,
89.2492

45.9017, 22.0935,
73.0663

82.5280, 93.9600,
89.5483

82.5849, 93.9828,
89.8481

Harmonies

Analogous

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



55.3055, 51.7645, 97.7110



61.0692, 51.7645, 80.1716



63.6480, 51.7645, 58.8620

Triad

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



61.0692, 51.7645, 80.1716



50.0657, 51.7645, 26.3349



38.2471, 51.7645, 74.8956

Complementary

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



61.0692, 51.7645, 80.1716



52.5775, 67.8280, 49.8590

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.



37.1237, 51.7645, 53.9352



61.0692, 51.7645, 80.1716



43.5623, 51.7645, 28.7176

Square

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



61.0692, 51.7645, 80.1716



56.9317, 51.7645, 30.3178



38.9789, 51.7645, 37.8066



42.2031, 51.7645, 94.1992

Rectangle

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



61.0692, 51.7645, 80.1716



63.0521, 51.7645, 46.3772



38.9789, 51.7645, 37.8066



37.5426, 51.7645, 67.6877

Sweetspot

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



61.0708, 51.7668, 80.1727



89.5672, 89.1151, 106.8237



46.1202, 44.0434, 80.2002



19.0751, 18.8838, 22.8281



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.



61.0708, 51.7668, 80.1727



75.0946, 60.4339, 101.1854



57.4403, 50.3146, 61.0546



14.9836, 14.6106, 18.1142



26.2490, 12.6338, 41.8016



1.9432, 0.9350, 3.1075

Inverse Universe

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



61.0708, 51.7668, 80.1727



75.0946, 60.4339, 101.1854



55.6301, 69.0491, 65.9341



14.9836, 14.6106, 18.1142



26.2490, 12.6338, 41.8016



1.9432, 0.9350, 3.1075

Previews

White Background



This preview shows how the XYZ color 61.0692, 51.7645, 80.1716 looks on a white background.

Color Contrast Check

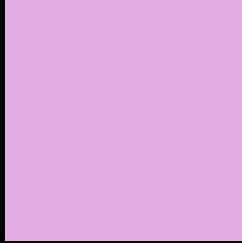
Large Text (above 18pt) WCAG AA × Fail

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 61.0692, 51.7645, 80.1716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

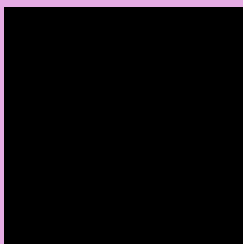
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0692, 51.7645, 80.1716

Background



This preview shows how black text looks on a background with the XYZ color 61.0692, 51.7645, 80.1716.



This preview shows how white text looks on a background with the XYZ color 61.0692, 51.7645,

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

61.0692, 51.7645, 80.1716

Protanopia

52.2859, 52.1514, 89.7485

Deuteranopia

53.1418, 51.8915, 78.4493



Tritanopia

56.3750, 51.8933, 56.9143

Trichromacy



Original Color

61.0692, 51.7645, 80.1716



Protanomaly

55.0998, 51.7934, 86.4499



Deuteranomaly

55.7049, 51.6605, 78.9870



Tritanomaly

57.9088, 51.6272, 64.6705

Monochromacy



Original Color

61.0692, 51.7645, 80.1716



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

54.7649, 53.3110, 66.4351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0692, 51.7645, 80.1716 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(229, 172, 228)` looks like.

```
.text, #text, p{  
    color:rgb(229, 172, 228)  
}
```

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(229, 172, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 172, 228) }
```

Border

The CSS property to change the border of an element to XYZ 61.0692, 51.7645, 80.1716 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(229, 172, 228) }
```


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

```
.border{ border-color:rgb(229, 172, 228) }
```

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

Here you see how a box with a 4 pixel rgb(229, 172, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 172, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 172, 228);  
box-shadow:4px 4px 4px 4px rgb(229, 172,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0692, 51.7645, 80.1716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 172, 228) }
```

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

```
.background{ background-color: rgb(229,  
172, 228) }
```

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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