

Converting Colors

XYZ(30.0504, 27.2428, 36.1496)

Have a look what the booklet for
XYZ(30.0504, 27.2428, 36.1496)
contains.

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Color

**XYZ(30.0761, 27.2430,
36.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	A5859E
RGB	165, 133, 158
RGB Percent	65%, 52%, 62%
CMY	0.3529, 0.4784, 0.3804
CMYK	0.00, 0.19, 0.04, 0.35
HSL	313°, 15%, 58%
HSV	313°, 19%, 65%
XYZ	30.0761, 27.2430, 36.0210
YIQ	145.4180, 11.0470, 14.5590

Conversions

Conversions Part 2

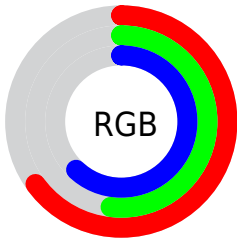
Format	Color
R_{YB}	165, 133, 158
Decimal	10847646
CIE _{Lab}	59.20, 16.59, -8.67
CIE _{LCh}	59, 18.718, 332.404
Yxy	27.2430, 0.3222, 0.2919
Android (android.graphics.Color)	4289037726 (0xFFA5859E)
YUV	145.4180, 6.2029, 17.1734
Hunter-Lab	52.1948, 11.5157, -4.3812

Details

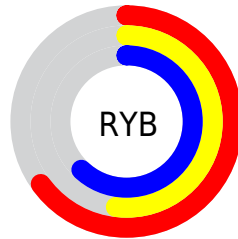
The XYZ color **30.0761, 27.2430, 36.0210** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **27.8627, 33.7910, 29.8662**, and the grayscale version is **27.0567, 28.4658, 30.9993**.

A 20% lighter version of the original color is **59.0843, 55.1376, 70.4793**, and **12.5572, 10.7588, 15.3247** is the 20% darker color. If you saturate the color by 10%, you get **27.6862, 22.9528, 33.7141**, and if you desaturate by 10%, it is **32.8316, 32.2489, 38.4955**.

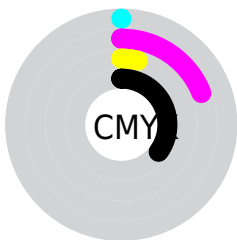
Distribution



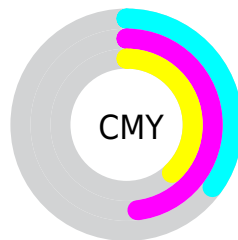
- Red (65%)
- Green (52%)
- Blue (62%)



- Red (65%)
- Yellow (52%)
- Blue (62%)



- Cyan (0%)
- Magenta (19%)
- Yellow (4%)
- Black (35%)



- Cyan (35%)
- Magenta (48%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0761, 27.2430, 36.0210 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 30.0761, 27.2430, 36.0210 by changing the saturation by 10% instead.

■ 30.0761, 27.2430,
36.0210

■ 30.0761, 27.2430,
36.0210

294.1625,
288.8318, 344.0925

■ 20.0447, 17.7558,
24.1606

■ 59.1683, 55.2736,
70.2339

■ 12.5360, 10.7748,
15.2395

■ 78.9598, 74.5857,
93.4234

■ 7.1846, 5.9156,
8.8392

■ 102.7355, 97.9416,
121.2265

■ 3.6252, 2.7938,
4.5410

130.8605,
125.7257, 154.0615

■ 1.4924, 1.0251,
1.9266

163.7004,
158.3224, 192.3471

■ 0.3206, 0.0000,
0.5096

201.6205,

■ 0.0000, 0.0000,

196.1160, 236.5018

0.0000

244.9860,
239.4910, 286.9440

■ 30.0761, 27.2430,
36.0210

■ 30.0761, 27.2430,
36.0210

■ 27.6862, 22.9528,
33.7141

■ 32.8316, 32.2489,
38.4955

■ 25.6429, 19.3418,
31.5670

■ 35.9658, 37.9980,
41.1413

■ 23.9291, 16.3753,
29.5740

■ 39.4941, 44.5204,
43.9642

■ 22.5252, 14.0144,
27.7283

■ 43.4303, 51.8437,
46.9693

■ 21.4096, 12.2160,
26.0221

■ 47.7876, 59.9941,
50.1612

■ 20.5577, 10.9310,
24.4469

■ 52.5786, 68.9965,
53.5446

■ 19.9408, 10.1022,
22.9927

■ 57.8152, 78.8749,
57.1237

■ 19.4988, 9.6095,
21.6390

■ 60.2338, 83.1021,
59.8111

■ 19.4733, 9.5818,
21.5585

■ 60.6249, 83.2585,
61.8706

Harmonies

Analogous

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



28.3727, 27.2430, 41.8854



30.0761, 27.2430, 36.0210



30.6391, 27.2430, 29.1273

Triad

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



30.0761, 27.2430, 36.0210



25.7059, 27.2430, 18.5896



22.2880, 27.2430, 37.0940

Complementary

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



30.0761, 27.2430, 36.0210



27.8627, 33.7910, 29.8662

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.



21.6654, 27.2430, 30.2052



30.0761, 27.2430, 36.0210



23.5634, 27.2430, 20.0847

Square

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



30.0761, 27.2430, 36.0210



28.0277, 27.2430, 19.6720



22.1181, 27.2430, 24.1010



23.8708, 27.2430, 42.5674

Rectangle

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



30.0761, 27.2430, 36.0210



30.2662, 27.2430, 25.0309



22.1181, 27.2430, 24.1010



21.9639, 27.2430, 34.8339

Sweetspot

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



30.0769, 27.2442, 36.0216



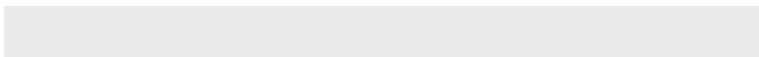
60.5645, 60.9846, 70.4627



25.9842, 25.0627, 39.0657



13.1681, 13.1998, 15.3426



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.0769, 27.2442, 36.0216



52.0631, 45.5447, 62.8110



28.7930, 26.7306, 29.2606



7.2977, 7.1755, 8.5540



14.7507, 7.2563, 16.4094



0.3256, 0.1587, 0.4270

Inverse Universe

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



30.0769, 27.2442, 36.0216



52.0631, 45.5447, 62.8110



29.1240, 34.2955, 36.5083



7.2977, 7.1755, 8.5540



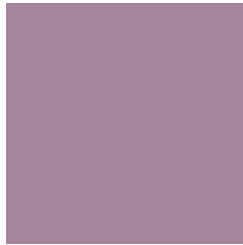
14.7507, 7.2563, 16.4094



0.3256, 0.1587, 0.4270

Previews

White Background



This preview shows how the XYZ color 30.0761, 27.2430, 36.0210 looks on a white background.

Color Contrast Check

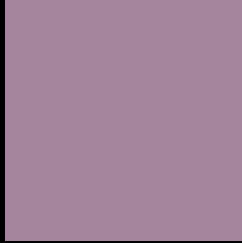
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0761, 27.2430, 36.0210 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 × Fail

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

XYZ 30.0761, 27.2430, 36.0210

Background



This preview shows how black text looks on a background with the XYZ color 30.0761, 27.2430, 36.0210.



This preview shows how white text looks on a background with the XYZ color 30.0761, 27.2430,

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

30.0761, 27.2430, 36.0210

Protanopia

26.9313, 27.4793, 38.5349

Deuteranopia

27.8961, 27.3836, 35.7136



Tritanopia

28.9565, 27.1898, 30.9161

Trichromacy



Original Color

30.0761, 27.2430, 36.0210

Protanomaly

27.8784, 27.3343, 37.5249

Deuteranomaly

28.5490, 27.2942, 35.6619

Tritanomaly

29.3400, 27.1447, 32.5472

Monochromacy



Original Color

30.0761, 27.2430, 36.0210

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.9788, 27.9272, 32.7700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0761, 27.2430, 36.0210 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(165, 133, 158)` looks like.

```
.text, #text, p{  
    color:rgb(165, 133, 158)  
}
```

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(165, 133, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 133, 158) }
```

Border

The CSS property to change the border of an element to XYZ 30.0761, 27.2430, 36.0210 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(165, 133, 158) }
```


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

```
.border{ border-color:rgb(165, 133, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 133, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 133, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 133, 158);  
box-shadow:4px 4px 4px 4px rgb(165, 133,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0761, 27.2430, 36.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 133, 158) }
```

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

```
.background{ background-color: rgb(165,  
133, 158) }
```

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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