

Converting Colors

XYZ(30.2355, 19.7161, 33.6645)

Have a look what the booklet for
XYZ(30.2355, 19.7161, 33.6645)
contains.

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Color

**XYZ(30.2355, 19.7161,
33.6645)**

Conversions

Conversions Part 1

Format	Color
Hex	BD559C
RGB	189, 85, 156
RGB Percent	74%, 33%, 61%
CMY	0.2588, 0.6666, 0.3882
CMYK	0.00, 0.55, 0.17, 0.26
HSL	319°, 44%, 54%
HSV	319°, 55%, 74%
XYZ	30.2355, 19.7161, 33.6645
YIQ	124.1900, 39.1930, 44.1290

Conversions

Conversions Part 2

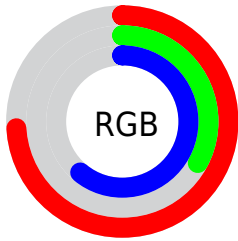
Format	Color
R _Y B	189, 85, 156
Decimal	12408220
CIE Lab	51.51, 50.31, -18.83
CIE LCh	52, 53.719, 339.476
Yxy	19.7161, 0.3616, 0.2358
Android (android.graphics.Color)	4290598300 (0xFFBD559C)
YUV	124.1900, 15.6823, 56.8384
Hunter-Lab	44.4028, 43.8422, -13.8694

Details

The XYZ color **30.2355, 19.7161, 33.6645** is a dark color, and the websafe version is hex **CC6699**, and the color name is **rose quartz pink**. A complement of this color would be **25.2148, 39.6351, 23.4626**, and the grayscale version is **19.1624, 20.1603, 21.9546**.

A 20% lighter version of the original color is **59.3483, 42.9425, 66.7888**, and **12.6620, 6.8852, 14.0262** is the 20% darker color. If you saturate the color by 10%, you get **28.4460, 16.9297, 30.6240**, and if you desaturate by 10%, it is **32.4486, 23.3091, 36.9703**.

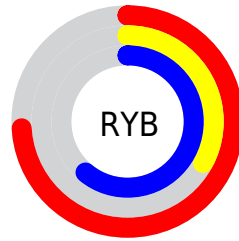
Distribution



Red (74%)

Green (33%)

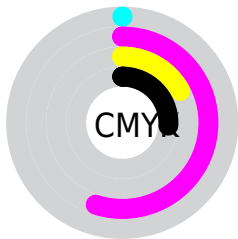
Blue (61%)



Red (74%)

Yellow (33%)

Blue (61%)

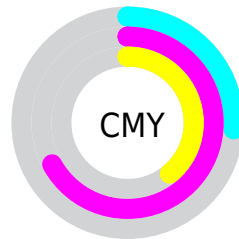


Cyan (0%)

Magenta (55%)

Yellow (17%)

Black (26%)



Cyan (26%)


Magenta (67%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2355, 19.7161, 33.6645 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 30.2355, 19.7161, 33.6645 by changing the saturation by 10% instead.

 30.2355, 19.7161,
33.6645


 30.2355, 19.7161,
33.6645


294.8908,
250.3740, 333.3568

 20.1664, 12.1888,
22.3607


 59.4185, 42.9407,
66.5395


 12.6250, 6.8724,
13.9213


 79.2630, 59.4068,
88.9478


 7.2460, 3.3824,
7.9278


 103.0968, 79.6214,
115.8947

 3.6641, 1.3345,
3.9617

 131.2851,
103.9687, 147.7987

 1.5139, 0.1677,
1.6044

 164.1933,
132.8332, 185.0784

 0.3353, 0.0000,
0.2939

202.1867,

 0.0000, 0.0000,

166.5994, 228.1523

0.0000

245.6308,
205.6515, 277.4389

■ 30.2355, 19.7161,
33.6645

■ 30.2355, 19.7161,
33.6645

■ 28.4460, 16.9297,
30.6240

■ 32.4486, 23.3091,
36.9703

■ 27.0456, 14.8822,
27.8349

■ 35.1127, 27.7636,
40.5518

■ 25.9970, 13.4992,
25.2833

■ 38.2549, 33.1331,
44.4198

■ 25.2541, 12.6893,
22.9519

■ 41.8997, 39.4659,
48.5841

■ 24.9506, 12.4046,
21.8574

■ 46.0696, 46.8068,
53.0539

■ 50.7861, 55.1979,
57.8380

■ 56.0692, 64.6788,
62.9445

■ 61.9378, 75.2871,
68.3814

■ 68.3764, 86.9909,
74.1450

Harmonies

Analogous

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



26.1418, 19.7161, 53.5512



30.2355, 19.7161, 33.6645



30.9525, 19.7161, 16.9368

Triad

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



30.2355, 19.7161, 33.6645



17.0824, 19.7161, 3.4715



11.8163, 19.7161, 46.4485

Complementary

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



30.2355, 19.7161, 33.6645



25.2148, 39.6351, 23.4626

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.



10.2541, 19.7161, 26.7417



30.2355, 19.7161, 33.6645



12.8859, 19.7161, 5.7280

Square

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



30.2355, 19.7161, 33.6645



22.6185, 19.7161, 3.9299



10.6040, 19.7161, 12.6424



15.3315, 19.7161, 63.0646

Rectangle

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



30.2355, 19.7161, 33.6645



29.3036, 19.7161, 9.9126



10.6040, 19.7161, 12.6424



11.0792, 19.7161, 39.6641

Sweetspot

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



30.2361, 19.7171, 33.6649



73.4938, 67.9785, 85.2898



19.8970, 14.0192, 49.8017



15.5164, 14.1166, 18.0158



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



30.2361, 19.7171, 33.6649



50.3825, 29.4726, 53.7964



26.7376, 18.3177, 15.2421



9.7976, 9.6433, 11.3232



16.8234, 8.3605, 14.8952



0.6874, 0.3389, 0.7333

Inverse Universe

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



30.2361, 19.7171, 33.6649



50.3825, 29.4726, 53.7964



29.1940, 41.2268, 44.4167



9.7976, 9.6433, 11.3232



16.8234, 8.3605, 14.8952



0.6874, 0.3389, 0.7333

Previews

White Background



This preview shows how the XYZ color 30.2355, 19.7161, 33.6645 looks on a white background.

Color Contrast Check

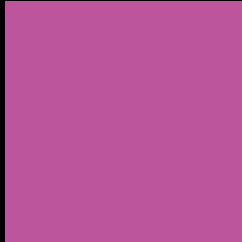
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2355, 19.7161, 33.6645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

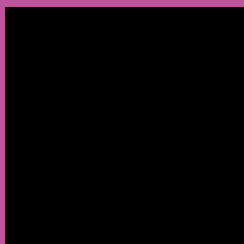
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.2355, 19.7161, 33.6645

Background



This preview shows how black text looks on a background with the XYZ color 30.2355, 19.7161, 33.6645.



This preview shows how white text looks on a background with the XYZ color 30.2355, 19.7161,

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

30.2355, 19.7161, 33.6645

Protanopia

20.8641, 19.9184, 47.5447

Deuteranopia

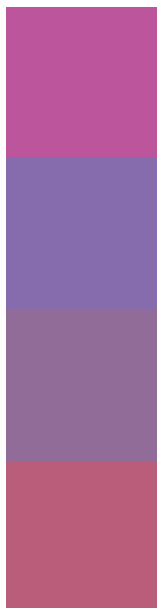
20.3684, 20.0143, 31.6438



Tritanopia

26.5405, 19.7392, 15.5079

Trichromacy



Original Color

30.2355, 19.7161, 33.6645

Protanomaly

22.7369, 18.8106, 41.9676

Deuteranomaly

22.8841, 19.1031, 32.1869

Tritanomaly

27.7392, 19.6979, 21.0789

Monochromacy



Original Color

30.2355, 19.7161, 33.6645

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

22.2326, 19.2253, 25.8316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2355, 19.7161, 33.6645 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(189, 85, 156)` looks like.

```
.text, #text, p{  
    color:rgb(189, 85, 156)  
}
```

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(189, 85, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 85, 156) }
```

Border

The CSS property to change the border of an element to XYZ 30.2355, 19.7161, 33.6645 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(189, 85, 156) }
```


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

```
.border{ border-color:rgb(189, 85, 156) }
```

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

Here you see how a box with a 4 pixel rgb(189, 85, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 85, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 85, 156);  
box-shadow:4px 4px 4px 4px rgb(189, 85,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2355, 19.7161, 33.6645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 85, 156) }
```

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

```
.background{ background-color: rgb(189, 85,  
156) }
```

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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