

Converting Colors

XYZ(31.5880, 18.6156, 35.8204)

Have a look what the booklet for
XYZ(31.5880, 18.6156, 35.8204)
contains.

XYZ(31.5261, 18.5778, 35.6425)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.5261, 18.5778,
35.6425)**

Conversions

Conversions Part 1	
Format	Color
Hex	C544A1
RGB	197, 68, 161
RGB Percent	77%, 27%, 63%
CMY	0.2274, 0.7333, 0.3686
CMYK	0.00, 0.65, 0.18, 0.23
HSL	317°, 53%, 52%
HSV	317°, 65%, 77%
XYZ	31.5261, 18.5778, 35.6425
YIQ	117.1730, 47.0310, 56.2710

Conversions

Conversions Part 2

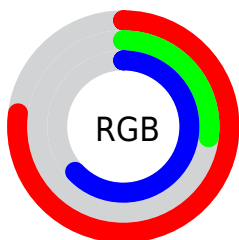
Format	Color
RYB	197, 68, 161
Decimal	12928161
CIELab	50.19, 60.81, -23.72
CIELCh	50, 65.271, 338.693
Yxy	18.5778, 0.3677, 0.2167
Android (android.graphics.Color)	4291118241 (0xFFC544A1)
YUV	117.1730, 21.6067, 70.0083
Hunter-Lab	43.1020, 55.1319, -18.8576

Details

The XYZ color **31.5261, 18.5778, 35.6425** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **24.8498, 42.1615, 19.9269**, and the grayscale version is **16.8880, 17.7675, 19.3488**.

A 20% lighter version of the original color is **60.8423, 40.6332, 69.6020**, and **13.5755, 6.6796, 15.0418** is the 20% darker color. If you saturate the color by 10%, you get **30.0543, 16.3930, 32.8122**, and if you desaturate by 10%, it is **33.4206, 21.5734, 38.7192**.

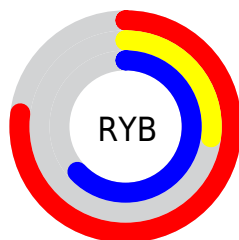
Distribution



Red (77%)

Green (27%)

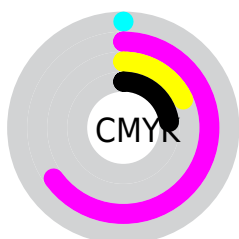
Blue (63%)



Red (77%)

Yellow (27%)

Blue (63%)

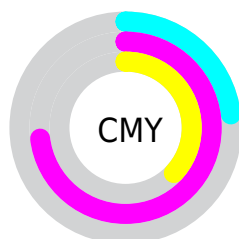


Cyan (0%)

Magenta (65%)

Yellow (18%)

Black (23%)



Cyan (23%)

















Magenta (73%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5261, 18.5778, 35.6425 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 31.5261, 18.5778, 35.6425 by changing the saturation by 10% instead.


 31.5261, 18.5778, 35.6425	 31.5261, 18.5778, 35.6425
 300.7386, 244.1080, 342.3853	 21.1536, 11.3656, 23.8707
 61.4376, 41.0195, 69.6427	 13.3494, 6.3133, 15.0264
 81.7074, 57.0177, 92.7083	 7.7482, 3.0365, 8.6911
 106.0069, 76.7134, 120.3755	 3.9847, 1.1508, 4.4462
 134.7015, 100.4910, 153.0629	 1.6935, 0.0210, 1.8732
 168.1567, 128.7349, 191.1890	 0.4522, 0.0000, 0.4756
 206.7376,	 0.0000, 0.0000,


161.8294, 235.1724


0.0000

250.8098,
200.1589, 285.4317


 31.5261, 18.5778,
35.6425


 31.5261, 18.5778,
35.6425

 30.0543, 16.3930,
32.8122


 33.4206, 21.5734,
38.7192


 28.9613, 14.9321,
30.2118


 35.7724, 25.4493,
42.0547


 28.1956, 14.0929,
27.8231


 38.6145, 30.2709,
45.6615


 27.9101, 13.8240,
26.7966


 41.9763, 36.0965,
49.5505

 45.8848, 42.9797,
53.7321

 50.3650, 50.9702,
58.2158

 55.4405, 60.1146,
63.0106

 61.1334, 70.4569,
68.1251

 67.4647, 82.0387,
73.5675

Harmonies

Analogous

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



26.3693, 18.5778, 61.2113



31.5261, 18.5778, 35.6425



32.5512, 18.5778, 15.4225

Triad

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



31.5261, 18.5778, 35.6425



15.8885, 18.5778, 1.6606



9.7870, 18.5778, 50.6092

Complementary

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



31.5261, 18.5778, 35.6425



24.8498, 42.1615, 19.9269

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.



8.1827, 18.5778, 25.9406



31.5261, 18.5778, 35.6425



11.1132, 18.5778, 3.4317

Square

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



31.5261, 18.5778, 35.6425



22.4375, 18.5778, 2.0620



8.6024, 18.5778, 10.0558



13.6099, 18.5778, 72.8556

Rectangle

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



31.5261, 18.5778, 35.6425



30.5649, 18.5778, 7.7210



8.6024, 18.5778, 10.0558



9.0174, 18.5778, 41.8874

Sweetspot

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



31.5267, 18.5787, 35.6429



78.6752, 70.7827, 92.5523



17.6712, 11.0149, 54.0183



16.4199, 14.4124, 19.3566



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.



31.5267, 18.5787, 35.6429



52.8214, 27.9699, 56.5128



27.3032, 16.8893, 13.4024



10.9520, 10.7642, 12.7303



18.3947, 9.1074, 17.8202



0.9006, 0.4431, 1.0000

Inverse Universe

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



31.5267, 18.5787, 35.6429



52.8214, 27.9699, 56.5128



29.3168, 43.9483, 43.4495



10.9520, 10.7642, 12.7303



18.3947, 9.1074, 17.8202



0.9006, 0.4431, 1.0000

Previews

White Background



This preview shows how the XYZ color 31.5261, 18.5778, 35.6425 looks on a white background.

Color Contrast Check

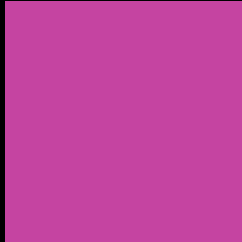
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.5261, 18.5778, 35.6425 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 31.5261, 18.5778, 35.6425

Background



This preview shows how black text looks on a background with the XYZ color 31.5261, 18.5778, 35.6425.



This preview shows how white text looks on a background with the XYZ color 31.5261, 18.5778,

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

31.5261, 18.5778, 35.6425

Protanopia

20.6244, 18.8711, 57.1991

Deuteranopia



19.1676, 18.8342, 32.7621




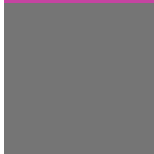

Tritanopia

26.8698, 18.6831, 12.5459

Trichromacy

	Original Color 31.5261, 18.5778, 35.6425
	Protanomaly 21.9290, 16.9045, 48.5615
	Deuteranomaly 22.0595, 17.4439, 33.6568
	Tritanomaly 28.1310, 18.3828, 19.2051

Monochromacy

	Original Color 31.5261, 18.5778, 35.6425
	Achromatopsia 16.9083, 17.7888, 19.3720
	Achromatomaly 20.5495, 16.7281, 24.3361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5261, 18.5778, 35.6425 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(197, 68, 161)` looks like.

```
.text, #text, p{  
    color:rgb(197, 68, 161)  
}
```

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(197, 68, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 68, 161) }
```

Border

The CSS property to change the border of an element to XYZ 31.5261, 18.5778, 35.6425 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(197, 68, 161) }
```


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

```
.border{ border-color:rgb(197, 68, 161) }
```

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

Here you see how a box with a 4 pixel rgb(197, 68, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 68, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 68, 161);  
box-shadow:4px 4px 4px 4px rgb(197, 68,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5261, 18.5778, 35.6425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 68, 161) }
```

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

```
.background{ background-color: rgb(197, 68,  
161) }
```

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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