

Converting Colors

XYZ(27.9884, 17.2152, 35.0114)

Have a look what the booklet for
XYZ(27.9884, 17.2152, 35.0114)
contains.

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Color

**XYZ(28.0191, 17.2482,
35.1102)**

Conversions

Conversions Part 1

Format	Color
Hex	B649A0
RGB	182, 73, 160
RGB Percent	71%, 29%, 63%
CMY	0.2863, 0.7137, 0.3725
CMYK	0.00, 0.60, 0.12, 0.29
HSL	312°, 43%, 50%
HSV	312°, 60%, 71%
XYZ	28.0191, 17.2482, 35.1102
YIQ	115.5090, 37.0370, 50.1650

Conversions

Conversions Part 2

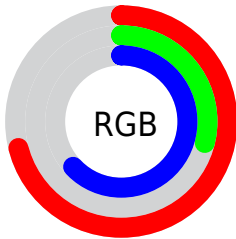
Format	Color
R_{YB}	182, 73, 160
Decimal	11946400
CIE _{Lab}	48.57, 54.44, -25.82
CIE _{LCh}	49, 60.255, 334.629
Yxy	17.2482, 0.3486, 0.2146
Android (android.graphics.Color)	4290136480 (0xFFB649A0)
YUV	115.5090, 21.9341, 58.3126
Hunter-Lab	41.5310, 47.7469, -21.0520

Details

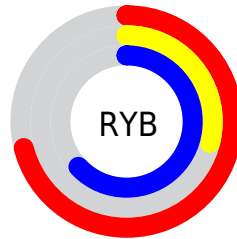
The XYZ color **28.0191, 17.2482, 35.1102** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **21.5420, 35.6992, 16.5830**, and the grayscale version is **16.3784, 17.2314, 18.7650**.

A 20% lighter version of the original color is **55.7903, 38.6103, 68.8020**, and **11.3869, 5.6703, 14.6817** is the 20% darker color. If you saturate the color by 10%, you get **26.6770, 15.0705, 33.1007**, and if you desaturate by 10%, it is **29.7217, 20.1311, 37.2870**.

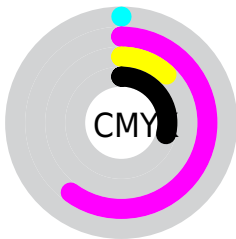
Distribution



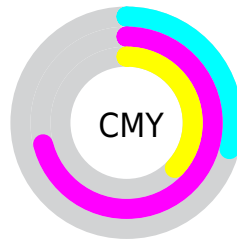
- Red (71%)
- Green (29%)
- Blue (63%)



- Red (71%)
- Yellow (29%)
- Blue (63%)



- Cyan (0%)
- Magenta (60%)
- Yellow (12%)
- Black (29%)





- Cyan (29%)
- Magenta (71%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0191, 17.2482, 35.1102 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 28.0191, 17.2482, 35.1102 by changing the saturation by 10% instead.

 28.0191, 17.2482,
35.1102


 28.0191, 17.2482,
35.1102


284.6366,
236.5986, 339.9735


 18.4806, 10.4116,
23.4635


 55.9234, 38.7520,
68.8100

 11.3973, 5.6727,
14.7276


 75.0198, 54.1881,
91.7001


 6.4040, 2.6471,
8.4840


 98.0330, 73.2593,
119.1752

 3.1352, 0.9504,
4.3140

 125.3282, 96.3503,
151.6538

 1.2257, 0.0000,
1.7991

 157.2708,
123.8453, 189.5544

 0.1265, 0.0000,
0.4274

194.2262,

 0.0000, 0.0000,

156.1288, 233.2955

0.0000

236.5596,
193.5851, 283.2957

■ 28.0191, 17.2482,
35.1102

■ 28.0191, 17.2482,
35.1102

■ 26.6770, 15.0705,
33.1007

■ 29.7217, 20.1311,
37.2870

■ 25.6621, 13.5323,
31.2465

■ 31.8108, 23.7720,
39.6398

■ 24.9377, 12.5603,
29.5353

■ 34.3121, 28.2219,
42.1776

■ 24.4283, 12.0034,
27.9414

■ 37.2484, 33.5262,
44.9085

■ 24.4229, 11.9977,
27.9238

■ 40.6410, 39.7273,
47.8399

■ 44.5095, 46.8645,
50.9786

■ 48.8727, 54.9750,
54.3314

■ 53.7480, 64.0938,
57.9045

■ 59.1522, 74.2542,
61.7037

Harmonies

Analogous

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



23.2194, 17.2482, 56.7052



28.0191, 17.2482, 35.1102



29.4615, 17.2482, 16.4252

Triad

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



28.0191, 17.2482, 35.1102



15.5495, 17.2482, 1.8344



9.1007, 17.2482, 41.9848

Complementary

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



28.0191, 17.2482, 35.1102



21.5420, 35.6992, 16.5830

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.



7.9065, 17.2482, 21.3506



28.0191, 17.2482, 35.1102



11.0572, 17.2482, 3.2045

Square

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



28.0191, 17.2482, 35.1102



21.3923, 17.2482, 2.5054



8.5325, 17.2482, 8.5104



12.2419, 17.2482, 62.0036

Rectangle

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



28.0191, 17.2482, 35.1102



28.1024, 17.2482, 8.7231



8.5325, 17.2482, 8.5104



8.4949, 17.2482, 34.5704

Sweetspot

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



28.0197, 17.2490, 35.1105



68.4480, 62.4515, 82.2347



15.5255, 10.5656, 45.4775



14.7492, 13.1231, 17.8332



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.0197, 17.2490, 35.1105



47.6890, 26.2707, 58.8608



24.2606, 15.7454, 15.3155



9.3011, 9.1308, 10.9333



17.2711, 8.4822, 19.8465



0.6289, 0.3070, 0.8050

Inverse Universe

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



28.0197, 17.2490, 35.1105



47.6890, 26.2707, 58.8608



24.9251, 37.0525, 34.3985



9.3011, 9.1308, 10.9333



17.2711, 8.4822, 19.8465



0.6289, 0.3070, 0.8050

Previews

White Background



This preview shows how the XYZ color 28.0191, 17.2482, 35.1102 looks on a white 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

Black Background



This preview shows how the XYZ color 28.0191, 17.2482, 35.1102 looks on a black 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

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

XYZ 28.0191, 17.2482, 35.1102

Background



This preview shows how black text looks on a background with the XYZ color 28.0191, 17.2482, 35.1102.



This preview shows how white text looks on a background with the XYZ color 28.0191, 17.2482,

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

28.0191, 17.2482, 35.1102

Protanopia

19.0980, 17.4995, 52.8232

Deuteranopia

17.8305, 17.4603, 32.5674



Tritanopia

23.4467, 17.2708, 13.1642

Trichromacy



Original Color

28.0191, 17.2482, 35.1102

Protanomaly

20.3159, 15.9935, 45.7323

Deuteranomaly

20.2941, 16.3923, 33.5469

Tritanomaly

24.8602, 17.1375, 19.4504

Monochromacy



Original Color

28.0191, 17.2482, 35.1102

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

19.5372, 16.3557, 23.9570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0191, 17.2482, 35.1102 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(182, 73, 160)` looks like.

```
.text, #text, p{  
    color:rgb(182, 73, 160)  
}
```

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(182, 73, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 73, 160) }
```

Border

The CSS property to change the border of an element to XYZ 28.0191, 17.2482, 35.1102 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(182, 73, 160) }
```


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

```
.border{ border-color:rgb(182, 73, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 73, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 73, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 73, 160);  
box-shadow:4px 4px 4px 4px rgb(182, 73,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0191, 17.2482, 35.1102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 73, 160) }
```

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

```
.background{ background-color: rgb(182, 73,  
160) }
```

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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