

Converting Colors

XYZ(27.2760, 17.8930, 50.6407)

Have a look what the booklet for
XYZ(27.2760, 17.8930, 50.6407)
contains.

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Color

**XYZ(27.3200, 17.9503,
50.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	A156BE
RGB	161, 86, 190
RGB Percent	63%, 34%, 75%
CMY	0.3686, 0.6627, 0.2549
CMYK	0.15, 0.55, 0.00, 0.25
HSL	283°, 44%, 54%
HSV	283°, 55%, 75%
XYZ	27.3200, 17.9503, 50.7400
YIQ	120.2810, 11.3160, 48.2440

Conversions

Conversions Part 2

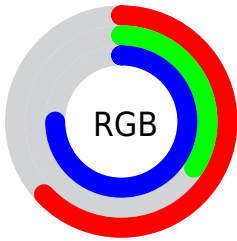
Format	Color
R_{YB}	161, 86, 190
Decimal	10573502
CIE _{Lab}	49.44, 47.93, -42.24
CIE _{LCh}	49, 63.882, 318.610
Yxy	17.9503, 0.2846, 0.1870
Android (android.graphics.Color)	4288763582 (0xFFA156BE)
YUV	120.2810, 34.3715, 35.7106
Hunter-Lab	42.3678, 40.9584, -41.3487

Details

The XYZ color **27.3200, 17.9503, 50.7400** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **27.1638, 41.1440, 15.3146**, and the grayscale version is **17.8339, 18.7627, 20.4326**.

A 20% lighter version of the original color is **54.9346, 40.0861, 92.8377**, and **11.0794, 6.0474, 23.8759** is the 20% darker color. If you saturate the color by 10%, you get **24.9548, 14.7708, 50.2512**, and if you desaturate by 10%, it is **30.1350, 21.9609, 51.3660**.

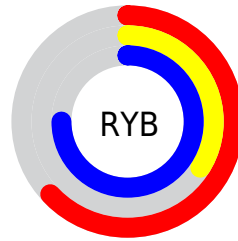
Distribution



Red (63%)

Green (34%)

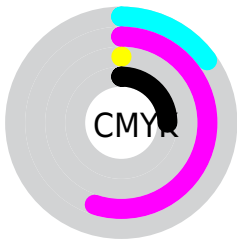
Blue (75%)



Red (63%)

Yellow (34%)

Blue (75%)

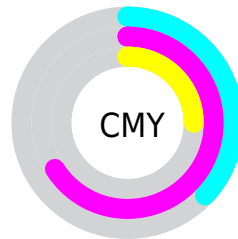


Cyan (15%)

Magenta (55%)

Yellow (0%)

Black (25%)



Cyan (37%)


Magenta (66%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3200, 17.9503, 50.7400 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 27.3200, 17.9503, 50.7400 by changing the saturation by 10% instead.


 27.3200, 17.9503,
50.7400


 27.3200, 17.9503,
50.7400


281.3426,
240.5908, 406.3705


 17.9515, 10.9143,
35.6264


 54.8132, 39.9526,
92.6779

 11.0147, 6.0092,
23.8584


 73.6687, 55.6877,
120.3393

 6.1441, 2.8507,
15.0174


 96.4171, 75.0914,
153.0204

 2.9744, 1.0543,
8.6848

 123.4240, 98.5479,
191.1398

 1.1402, 0.0000,
4.4422

 155.0546,
126.4417, 235.1159

 0.0584, 0.0000,
1.8709

191.6744,

 0.0000, 0.0000,

159.1572, 285.3674

0.4741

233.6486,
197.0787, 342.3127

■ 0.0000, 0.0000,
0.0000

■ 27.3200, 17.9503,
50.7400

■ 27.3200, 17.9503,
50.7400

■ 24.9548, 14.7708,
50.2512

■ 30.1350, 21.9609,
51.3660

■ 23.0039, 12.3545,
49.8877

■ 33.4275, 26.8590,
52.1379

■ 21.4299, 10.6262,
49.6370

■ 37.2250, 32.6984,
53.0649

■ 20.1862, 9.4939,
49.4840

■ 41.5524, 39.5281,
54.1551

■ 19.6143, 9.0379,
49.4262

■ 46.4328, 47.3936,
55.4161

■ 51.8880, 56.3375,
56.8549

■ 57.9384, 66.4001,
58.4783

■ 64.6035, 77.6194,
60.2925

■ 71.2593, 88.7469,
62.0896

Harmonies

Analogous

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



21.0347, 17.9503, 70.9143



27.3200, 17.9503, 50.7400



31.1357, 17.9503, 26.8617

Triad

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



27.3200, 17.9503, 50.7400



19.4545, 17.9503, 1.7214



8.2642, 17.9503, 32.1702

Complementary

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



27.3200, 17.9503, 50.7400



27.1638, 41.1440, 15.3146

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.



8.0333, 17.9503, 13.6942



27.3200, 17.9503, 50.7400



13.6226, 17.9503, 1.9446

Square

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



27.3200, 17.9503, 50.7400



25.9312, 17.9503, 3.7194



9.7581, 17.9503, 4.7859



10.4869, 17.9503, 56.5324

Rectangle

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



27.3200, 17.9503, 50.7400



31.2817, 17.9503, 14.9836



9.7581, 17.9503, 4.7859



7.9744, 17.9503, 24.9488

Sweetspot

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



27.3207, 17.9510, 50.7404



74.0401, 69.6254, 97.8159



19.3167, 18.0650, 51.1842



15.8887, 14.7022, 21.3857



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



27.3207, 17.9510, 50.7404



44.3316, 25.6259, 90.8889



31.5817, 20.4106, 39.0614



9.6636, 9.5589, 12.0079



13.1217, 6.0505, 32.8692



0.5745, 0.2682, 1.2903

Inverse Universe

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



27.6579, 18.8411, 18.3990



45.6631, 27.7954, 23.9437



24.9869, 39.8998, 20.7218



9.6366, 9.5789, 10.4752



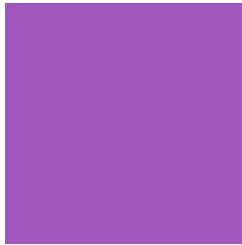
14.5764, 7.4617, 3.0632



0.5998, 0.3038, 0.2720

Previews

White Background



This preview shows how the XYZ color 27.3200, 17.9503, 50.7400 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 27.3200, 17.9503, 50.7400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

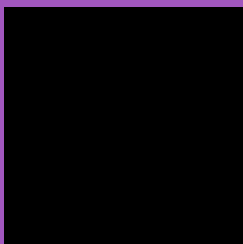
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3200, 17.9503, 50.7400

Background



This preview shows how black text looks on a background with the XYZ color 27.3200, 17.9503, 50.7400.



This preview shows how white text looks on a background with the XYZ color 27.3200, 17.9503,

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

27.3200, 17.9503, 50.7400

Protanopia

20.9019, 18.4295, 68.1012

Deuteranopia

18.6974, 18.2566, 47.8858



Tritanopia

20.7690, 18.0070, 18.3006

Trichromacy



Original Color

27.3200, 17.9503, 50.7400

Protanomaly

21.5796, 17.1723, 61.2087

Deuteranomaly

20.5725, 17.2327, 48.6963

Tritanomaly

22.6708, 17.7467, 27.8218

Monochromacy



Original Color

27.3200, 17.9503, 50.7400

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

20.4651, 17.9204, 29.1684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3200, 17.9503, 50.7400 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(161, 86, 190)` looks like.

```
.text, #text, p{  
    color:rgb(161, 86, 190)  
}
```

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(161, 86, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 86, 190) }
```

Border

The CSS property to change the border of an element to XYZ 27.3200, 17.9503, 50.7400 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(161, 86, 190) }
```


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

```
.border{ border-color:rgb(161, 86, 190) }
```

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

Here you see how a box with a 4 pixel rgb(161, 86, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 86, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 86, 190);  
box-shadow:4px 4px 4px 4px rgb(161, 86,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3200, 17.9503, 50.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 86, 190) }
```

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

```
.background{ background-color: rgb(161, 86,  
190) }
```

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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