

Converting Colors

XYZ(27.5525, 20.5856, 31.9187)

Have a look what the booklet for
XYZ(27.5525, 20.5856, 31.9187)
contains.

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Color

**XYZ(27.5709, 20.6213,
31.8053)**

Conversions

Conversions Part 1

Format	Color
Hex	AD6697
RGB	173, 102, 151
RGB Percent	68%, 40%, 59%
CMY	0.3216, 0.6000, 0.4078
CMYK	0.00, 0.41, 0.13, 0.32
HSL	319°, 30%, 54%
HSV	319°, 41%, 68%
XYZ	27.5709, 20.6213, 31.8053
YIQ	128.8150, 26.5870, 30.2910

Conversions

Conversions Part 2

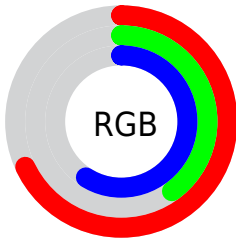
Format	Color
RYB	173, 102, 151
Decimal	11363991
CIELab	52.53, 35.59, -14.54
CIElCh	53, 38.442, 337.772
Yxy	20.6213, 0.3446, 0.2578
Android (android.graphics.Color)	4289554071 (0xFFAD6697)
YUV	128.8150, 10.9372, 38.7502
Hunter-Lab	45.4107, 28.9068, -9.7388

Details

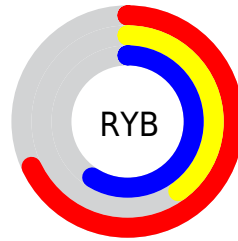
The XYZ color **27.5709, 20.6213, 31.8053** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.0621, 34.1679, 24.3971**, and the grayscale version is **20.7585, 21.8396, 23.7833**.

A 20% lighter version of the original color is **55.2082, 44.3420, 63.4067**, and **11.1360, 7.2980, 12.8783** is the 20% darker color. If you saturate the color by 10%, you get **25.6194, 17.3989, 29.0554**, and if you desaturate by 10%, it is **29.8983, 24.5631, 34.7786**.

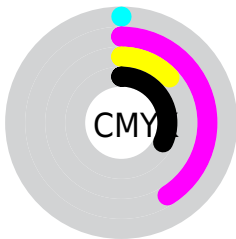
Distribution



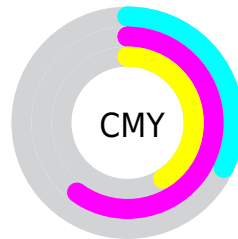
- Red (68%)
- Green (40%)
- Blue (59%)



- Red (68%)
- Yellow (40%)
- Blue (59%)



- Cyan (0%)
- Magenta (41%)
- Yellow (13%)
- Black (32%)





- Cyan (32%)
- Magenta (60%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5709, 20.6213, 31.8053 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 27.5709, 20.6213, 31.8053 by changing the saturation by 10% instead.


 27.5709, 20.6213,
31.8053

 27.5709, 20.6213,
31.8053


282.5282,
255.2590, 324.6967


 18.1412, 12.8475,
20.9492


 55.2121, 44.4564,
63.6001


 11.1517, 7.3236,
12.8960


 74.1543, 61.2865,
85.3759

 6.2370, 3.6653,
7.2271


 96.9981, 81.9041,
111.6287

 3.0318, 1.4881,
3.5239

 124.1089,
106.6936, 142.7771

 1.1706, 0.2804,
1.3680

155.8519,
136.0395, 179.2395

 0.0830, 0.0000,
0.1166

192.5925,

 0.0000, 0.0000,

170.3261, 221.4346

0.0000

234.6962,
209.9378, 269.7808

■ 27.5709, 20.6213,
31.8053

■ 27.5709, 20.6213,
31.8053

■ 25.6194, 17.3989,
29.0554

■ 29.8983, 24.5631,
34.7786

■ 24.0193, 14.8485,
26.5189

■ 32.6202, 29.2621,
37.9821

■ 22.7462, 12.9214,
24.1866


■ 35.7564, 34.7571,
41.4239


■ 21.7718, 11.5610,
22.0475


■ 39.3245, 41.0831,
45.1110


■ 21.0623, 10.7006,
20.0891


■ 43.3413, 48.2732,
49.0504

 20.5872, 10.2257,
18.4651

 47.8226, 56.3587,
53.2483

 52.7835, 65.3693,
57.7109

 58.2382, 75.3331,
62.4443

 63.3316, 84.5395,
67.1643

Harmonies

Analogous

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



24.6705, 20.6213, 44.6123



27.5709, 20.6213, 31.8053



28.2013, 20.6213, 19.6178

Triad

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



27.5709, 20.6213, 31.8053



18.5832, 20.6213, 6.9869



14.1522, 20.6213, 38.7293

Complementary

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



27.5709, 20.6213, 31.8053



24.0621, 34.1679, 24.3971

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.



12.9538, 20.6213, 25.5491



27.5709, 20.6213, 31.8053



15.2765, 20.6213, 9.2034

Square

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



27.5709, 20.6213, 31.8053



22.6394, 20.6213, 7.6630



13.3356, 20.6213, 15.1414



16.8454, 20.6213, 49.4623

Rectangle

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



27.5709, 20.6213, 31.8053



27.1800, 20.6213, 13.7114



13.3356, 20.6213, 15.1414



13.5791, 20.6213, 34.2908

Sweetspot

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



27.5715, 20.6223, 31.8057



63.3401, 61.0192, 73.4429



20.5065, 16.7540, 41.6887



13.6068, 12.9822, 15.7905



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.5715, 20.6223, 31.8057



46.2622, 31.7783, 52.5984



25.1498, 19.6536, 19.0531



8.2298, 8.1052, 9.5209



15.1507, 7.5228, 13.7047



0.4445, 0.2185, 0.5026

Inverse Universe

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



27.5715, 20.6223, 31.8057



46.2622, 31.7783, 52.5984



26.6645, 35.2089, 38.1013



8.2298, 8.1052, 9.5209



15.1507, 7.5228, 13.7047



0.4445, 0.2185, 0.5026

Previews

White Background



This preview shows how the XYZ color 27.5709, 20.6213, 31.8053 looks on a white background.

Color Contrast Check

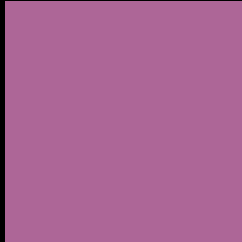
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5709, 20.6213, 31.8053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

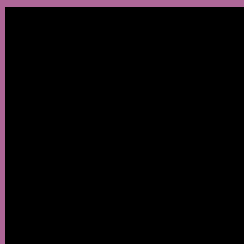
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5709, 20.6213, 31.8053

Background



This preview shows how black text looks on a background with the XYZ color 27.5709, 20.6213, 31.8053.



This preview shows how white text looks on a background with the XYZ color 27.5709, 20.6213,

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

27.5709, 20.6213, 31.8053

Protanopia

21.1221, 20.7827, 39.4574

Deuteranopia

21.2515, 20.8617, 30.5104



Tritanopia

25.0417, 20.6566, 19.4969

Trichromacy



Original Color

27.5709, 20.6213, 31.8053

Protanomaly

22.6701, 20.2149, 36.4252

Deuteranomaly

22.9776, 20.3289, 30.7298

Tritanomaly

25.6940, 20.4391, 23.3598

Monochromacy



Original Color

27.5709, 20.6213, 31.8053

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.7892, 21.0195, 26.5230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5709, 20.6213, 31.8053 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(173, 102, 151)` looks like.

```
.text, #text, p{  
    color:rgb(173, 102, 151)  
}
```

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(173, 102, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 102, 151) }
```

Border

The CSS property to change the border of an element to XYZ 27.5709, 20.6213, 31.8053 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(173, 102, 151) }
```


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

```
.border{ border-color:rgb(173, 102, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 102, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 102, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 102, 151);  
box-shadow:4px 4px 4px 4px rgb(173, 102,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5709, 20.6213, 31.8053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 102, 151) }
```

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

```
.background{ background-color: rgb(173,  
102, 151) }
```

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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