

Converting Colors

XYZ(25.7906, 20.3764, 36.1303)

Have a look what the booklet for
XYZ(25.7906, 20.3764, 36.1303)
contains.

XYZ(25.7913, 20.3577, 36.2883)	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(25.7913, 20.3577,
36.2883)**

Conversions

Conversions Part 1

Format	Color
Hex	9E6BA1
RGB	158, 107, 161
RGB Percent	62%, 42%, 63%
CMY	0.3804, 0.5804, 0.3686
CMYK	0.02, 0.34, 0.00, 0.37
HSL	297°, 22%, 53%
HSV	297°, 34%, 63%
XYZ	25.7913, 20.3577, 36.2883
YIQ	128.4050, 13.0620, 27.6060

Conversions

Conversions Part 2

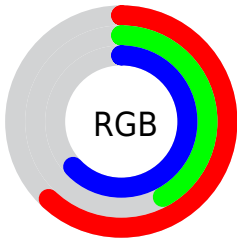
Format	Color
R_{YB}	158, 107, 161
Decimal	10382241
CIE Lab	52.24, 29.57, -21.01
CIE LCh	52, 36.274, 324.604
Yxy	20.3577, 0.3129, 0.2469
Android (android.graphics.Color)	4288572321 (0xFF9E6BA1)
YUV	128.4050, 16.0693, 25.9548
Hunter-Lab	45.1195, 23.0754, -16.1016

Details

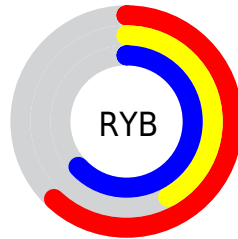
The XYZ color **25.7913, 20.3577, 36.2883** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.8298, 29.8668, 18.5252**, and the grayscale version is **20.6017, 21.6746, 23.6037**.

A 20% lighter version of the original color is **52.2334, 43.9003, 70.6863**, and **10.2172, 7.1944, 15.3182** is the 20% darker color. If you saturate the color by 10%, you get **24.0914, 17.2178, 35.7721**, and if you desaturate by 10%, it is **27.8063, 24.1251, 36.9096**.

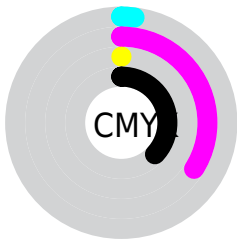
Distribution



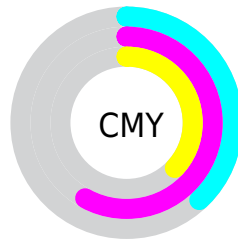
- Red (62%)
- Green (42%)
- Blue (63%)



- Red (62%)
- Yellow (42%)
- Blue (63%)



- Cyan (2%)
- Magenta (34%)
- Yellow (0%)
- Black (37%)



- Cyan (38%)
- Magenta (58%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7913, 20.3577, 36.2883 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 25.7913, 20.3577, 36.2883 by changing the saturation by 10% instead.

■ 25.7913, 20.3577,
36.2883

■ 25.7913, 20.3577,
36.2883

274.0316,
253.8450, 345.2943

■ 16.7994, 12.6553,
24.3655

■ 52.3718, 44.0161,
70.6509

■ 10.1860, 7.1916,
15.3903

■ 70.6911, 60.7409,
93.9277

■ 5.5857, 3.5822,
8.9441

■ 92.8503, 81.2419,
121.8263

■ 2.6331, 1.4427,
4.6084

■ 119.2147,
105.9037, 154.7651

■ 0.9628, 0.2479,
1.9647

150.1497,
135.1104, 193.1628

■ 0.0000, 0.0000,
0.5334

186.0206,

■ 0.0000, 0.0000,

169.2467, 237.4379

0.0000

227.1928,
208.6967, 288.0089

■ 25.7913, 20.3577,
36.2883

■ 25.7913, 20.3577,
36.2883

■ 24.0914, 17.2178,
35.7721

■ 27.8063, 24.1251,
36.9096

■ 22.6874, 14.6679,
35.3540

■ 30.1505, 28.5494,
37.6400

■ 21.5606, 12.6709,
35.0279

■ 32.8394, 33.6614,
38.4850

■ 20.6899, 11.1840,
34.7868

■ 35.8872, 39.4891,
39.4492

■ 20.0508, 10.1585,
34.6225

■ 39.3070, 46.0590,
40.5371

■ 19.6142, 9.5360,
34.5254

■ 43.1115, 53.3962,
41.7528

■ 19.3928, 9.2542,
34.4826

■ 47.3125, 61.5247,
43.1003

■ 51.9216, 70.4674,
44.5835

■ 56.9497, 80.2462,
46.2060

Harmonies

Analogous

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



22.4856, 20.3577, 46.5203



25.7913, 20.3577, 36.2883



27.3873, 20.3577, 24.1504

Triad

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



25.7913, 20.3577, 36.2883



20.0304, 20.3577, 7.3789



13.5431, 20.3577, 31.8447

Complementary

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



25.7913, 20.3577, 36.2883



21.8298, 29.8668, 18.5252

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.



13.0616, 20.3577, 20.2935



25.7913, 20.3577, 36.2883



16.5193, 20.3577, 8.2625

Square

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



25.7913, 20.3577, 36.2883



23.7991, 20.3577, 9.3018



14.0808, 20.3577, 12.2852



15.4920, 20.3577, 43.4310

Rectangle

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



25.7913, 20.3577, 36.2883



27.1365, 20.3577, 17.3881



14.0808, 20.3577, 12.2852



13.2158, 20.3577, 27.7477

Sweetspot

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



25.7920, 20.3586, 36.2887



55.5400, 54.0571, 67.8933



18.1382, 16.9817, 36.0403



12.0461, 11.6000, 14.8478



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.7920, 20.3586, 36.2887



43.9395, 32.2940, 64.3040



24.5148, 19.9167, 26.4462



7.3253, 7.1821, 8.9033



15.4998, 7.3969, 27.5406



0.3366, 0.1611, 0.5792

Inverse Universe

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



22.7708, 19.2191, 17.2622



37.7512, 29.9684, 24.9511



22.8651, 30.2385, 25.8924



7.0890, 7.0920, 7.4550



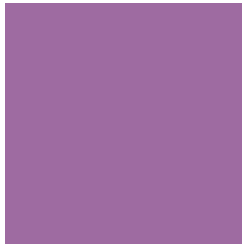
11.7831, 6.0693, 0.7823



0.2521, 0.1293, 0.0401

Previews

White Background



This preview shows how the XYZ color 25.7913, 20.3577, 36.2883 looks on a white background.

Color Contrast Check

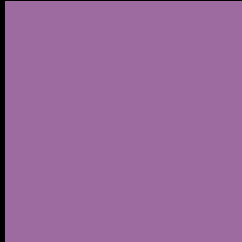
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7913, 20.3577, 36.2883 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 25.7913, 20.3577, 36.2883

Background



This preview shows how black text looks on a background with the XYZ color 25.7913, 20.3577, 36.2883.



This preview shows how white text looks on a background with the XYZ color 25.7913, 20.3577,

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

25.7913, 20.3577, 36.2883

Protanopia

21.0562, 20.4980, 42.3819

Deuteranopia

21.0002, 20.6276, 35.2224



Tritanopia

22.8428, 20.4638, 21.4849

Trichromacy



Original Color

25.7913, 20.3577, 36.2883

Protanomaly

22.2751, 20.0992, 40.2416

Deuteranomaly

22.4508, 20.2941, 35.5348

Tritanomaly

23.8271, 20.3630, 26.3415

Monochromacy



Original Color

25.7913, 20.3577, 36.2883

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.0976, 20.8154, 27.6640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7913, 20.3577, 36.2883 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(158, 107, 161)` looks like.

```
.text, #text, p{  
    color:rgb(158, 107, 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(158, 107, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 107, 161) }
```

Border

The CSS property to change the border of an element to XYZ 25.7913, 20.3577, 36.2883 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(158, 107, 161) }
```


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

```
.border{ border-color:rgb(158, 107, 161) }
```

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

Here you see how a box with a 4 pixel rgb(158, 107, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 107, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 107, 161);  
box-shadow:4px 4px 4px 4px rgb(158, 107,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7913, 20.3577, 36.2883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 107, 161) }
```

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

```
.background{ background-color: rgb(158,  
107, 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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