

Converting Colors

XYZ(25.1108, 20.9209, 37.0524)

Have a look what the booklet for
XYZ(25.1108, 20.9209, 37.0524)
contains.

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Color

**XYZ(25.1892, 20.9982,
36.9079)**

Conversions

Conversions Part 1

Format	Color
Hex	9771A2
RGB	151, 113, 162
RGB Percent	59%, 44%, 64%
CMY	0.4078, 0.5568, 0.3647
CMYK	0.07, 0.30, 0.00, 0.36
HSL	287°, 21%, 54%
HSV	287°, 30%, 64%
XYZ	25.1892, 20.9982, 36.9079
YIQ	129.9480, 6.9190, 23.2950

Conversions

Conversions Part 2

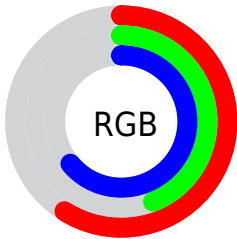
Format	Color
R_{YB}	151, 113, 162
Decimal	9925026
CIE _{Lab}	52.95, 23.98, -20.57
CIE _{LCh}	53, 31.595, 319.368
Yxy	20.9982, 0.3031, 0.2527
Android (android.graphics.Color)	4288115106 (0xFF9771A2)
YUV	129.9480, 15.8016, 18.4626
Hunter-Lab	45.8238, 17.9293, -15.6773

Details

The XYZ color **25.1892, 20.9982, 36.9079** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.2139, 31.3186, 20.3927**, and the grayscale version is **21.1445, 22.2457, 24.2255**.

A 20% lighter version of the original color is **51.4331, 45.0418, 71.6288**, and **9.7935, 7.4452, 15.6728** is the 20% darker color. If you saturate the color by 10%, you get **22.8763, 17.3585, 36.3276**, and if you desaturate by 10%, it is **27.8469, 25.2956, 37.5976**.

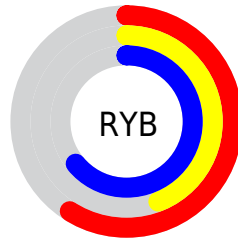
Distribution



Red (59%)

Green (44%)

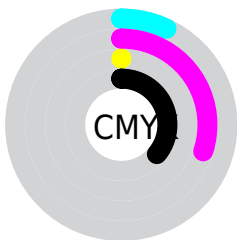
Blue (64%)



Red (59%)

Yellow (44%)

Blue (64%)

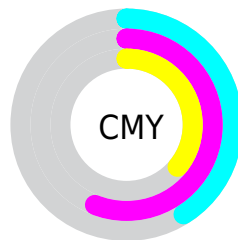


Cyan (7%)

Magenta (30%)

Yellow (0%)

Black (36%)



Cyan (41%)


Magenta (56%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1892, 20.9982, 36.9079 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 25.1892, 20.9982, 36.9079 by changing the saturation by 10% instead.


 25.1892, 20.9982,
36.9079


 25.1892, 20.9982,
36.9079


271.1092,
257.2689, 348.0683


 16.3476, 13.1227,
24.8410


 51.4047, 45.0845,
71.6159


 9.8628, 7.5131,
15.7407


 69.5092, 62.0642,
95.0940

 5.3697, 3.7850,
9.1885


 91.4321, 82.8473,
123.2129

 2.5027, 1.5540,
4.7658

 117.5387,
107.8182, 156.3911

 0.8966, 0.3263,
2.0542

148.1943,
137.3615, 195.0472

 0.0000, 0.0000,
0.5883

183.7644,

 0.0000, 0.0000,

171.8615, 239.5998

0.0000

224.6142,
211.7025, 290.4673

■ 25.1892, 20.9982,
36.9079

■ 25.1892, 20.9982,
36.9079

■ 22.8763, 17.3585,
36.3276

■ 27.8469, 25.2956,
37.5976

■ 20.8887, 14.3395,
35.8496

■ 30.8635, 30.2800,
38.4007

■ 19.2084, 11.9044,
35.4682

■ 34.2546, 35.9820,
39.3226

■ 17.8142, 10.0115,
35.1763

■ 38.0344, 42.4297,
40.3679

■ 16.6823, 8.6135,
34.9661

■ 42.2163, 49.6494,
41.5410

■ 15.7847, 7.6547,
34.8283

■ 46.8129, 57.6666,
42.8462

■ 15.0717, 7.0164,
34.7427

■ 51.8364, 66.5050,
44.2875

■ 57.2986, 76.1879,
45.8686

■ 61.9848, 84.2860,
47.1847

Harmonies

Analogous

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



22.1445, 20.9982, 44.7346



25.1892, 20.9982, 36.9079



26.8908, 20.9982, 26.3944

Triad

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



25.1892, 20.9982, 36.9079



21.1557, 20.9982, 9.2191



14.5351, 20.9982, 29.4579

Complementary

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



25.1892, 20.9982, 36.9079



24.2139, 31.3186, 20.3927

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.



14.3329, 20.9982, 19.6624



25.1892, 20.9982, 36.9079



17.9207, 20.9982, 9.6170

Square

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



25.1892, 20.9982, 36.9079



24.3969, 20.9982, 11.6314



15.5066, 20.9982, 12.9283



16.0934, 20.9982, 39.6767

Rectangle

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



25.1892, 20.9982, 36.9079



26.9205, 20.9982, 20.0225



15.5066, 20.9982, 12.9283



14.3134, 20.9982, 25.9613

Sweetspot

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



25.1899, 20.9991, 36.9084



56.6582, 56.0191, 69.8827



20.5946, 20.6445, 37.0821



12.5420, 12.2760, 15.6460



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.1899, 20.9991, 36.9084



42.9555, 33.7329, 66.3032



26.2256, 21.6603, 31.2051



7.2081, 7.1216, 8.8978



11.9119, 5.5473, 27.3727



0.2866, 0.1353, 0.5769

Inverse Universe

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



24.4442, 20.9478, 21.8248



41.4919, 33.6860, 34.2625



23.5013, 30.8600, 24.4801



7.1359, 7.1108, 7.7019



12.0082, 6.1593, 1.9678



0.2686, 0.1359, 0.1272

Previews

White Background



This preview shows how the XYZ color 25.1892, 20.9982, 36.9079 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 25.1892, 20.9982, 36.9079 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 25.1892, 20.9982, 36.9079

Background



This preview shows how black text looks on a background with the XYZ color 25.1892, 20.9982, 36.9079.



This preview shows how white text looks on a background with the XYZ color 25.1892, 20.9982,

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

25.1892, 20.9982, 36.9079

Protanopia

21.6237, 21.1849, 41.4775

Deuteranopia

21.5789, 21.0909, 36.1913



Tritanopia

22.4133, 20.8896, 23.6197

Trichromacy



Original Color

25.1892, 20.9982, 36.9079

Protanomaly

22.6577, 21.0139, 39.9077

Deuteranomaly

22.8224, 20.9927, 36.5673

Tritanomaly

23.3818, 20.9416, 28.0091

Monochromacy



Original Color

25.1892, 20.9982, 36.9079

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.5714, 21.7716, 28.6039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1892, 20.9982, 36.9079 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(151, 113, 162)` looks like.

```
.text, #text, p{  
    color:rgb(151, 113, 162)  
}
```

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(151, 113, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 113, 162) }
```

Border

The CSS property to change the border of an element to XYZ 25.1892, 20.9982, 36.9079 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(151, 113, 162) }
```


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

```
.border{ border-color:rgb(151, 113, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 113, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 113, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 113, 162);  
box-shadow:4px 4px 4px 4px rgb(151, 113,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1892, 20.9982, 36.9079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 113, 162) }
```

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

```
.background{ background-color: rgb(151,  
113, 162) }
```

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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