

Converting Colors

XYZ(25.0420, 20.3208, 33.8532)

Have a look what the booklet for
XYZ(25.0420, 20.3208, 33.8532)
contains.

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Color

**XYZ(25.1797, 20.4055,
34.0640)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6D9C
RGB	156, 109, 156
RGB Percent	61%, 43%, 61%
CMY	0.3882, 0.5725, 0.3882
CMYK	0.00, 0.30, 0.00, 0.39
HSL	300°, 19%, 52%
HSV	300°, 30%, 61%
XYZ	25.1797, 20.4055, 34.0640
YIQ	128.4110, 12.9250, 24.5810

Conversions

Conversions Part 2

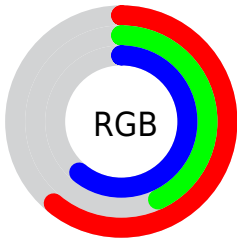
Format	Color
R _Y B	156, 109, 156
Decimal	10251676
CIE Lab	52.29, 26.76, -18.03
CIE LCh	52, 32.265, 326.036
Yxy	20.4055, 0.3161, 0.2562
Android (android.graphics.Color)	4288441756 (0xFF9C6D9C)
YUV	128.4110, 13.6014, 24.1956
Hunter-Lab	45.1724, 20.4464, -13.0892

Details

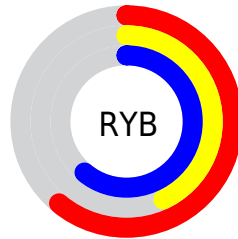
The XYZ color **25.1797, 20.4055, 34.0640** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.9563, 28.1330, 18.7949**, and the grayscale version is **20.6122, 21.6856, 23.6156**.

A 20% lighter version of the original color is **51.3667, 44.0418, 67.4216**, and **9.8746, 7.1947, 14.2329** is the 20% darker color. If you saturate the color by 10%, you get **23.6612, 17.3681, 33.5580**, and if you desaturate by 10%, it is **26.9949, 24.0354, 34.6694**.

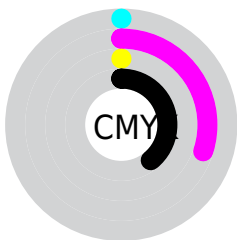
Distribution



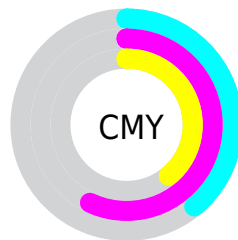
- Red (61%)
- Green (43%)
- Blue (61%)



- Red (61%)
- Yellow (43%)
- Blue (61%)



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (39%)





- Cyan (39%)
- Magenta (57%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1797, 20.4055, 34.0640 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 25.1797, 20.4055, 34.0640 by changing the saturation by 10% instead.


 25.1797, 20.4055,
34.0640


 25.1797, 20.4055,
34.0640


271.0628,
254.1019, 335.1952

 16.3404, 12.6901,
22.6650

 51.3894, 44.0960,
67.1682


 9.8577, 7.2155,
14.1434

 69.4905, 60.8399,
89.7105

 5.3663, 3.5973,
8.0806


 91.4097, 81.3622,
116.8043

 2.5007, 1.4509,
4.0580

 117.5122,
106.0471, 148.8682

 0.8956, 0.2538,
1.6572

148.1634,
135.2792, 186.3207

 0.0000, 0.0000,
0.3312

183.7287,

 0.0000, 0.0000,

169.4427, 229.5804

0.0000

224.5734,
208.9222, 279.0657

■ 25.1797, 20.4055,
34.0640

■ 25.1797, 20.4055,
34.0640

■ 23.6612, 17.3681,
33.5580

■ 26.9949, 24.0354,
34.6694

■ 22.4217, 14.8892,
33.1447

■ 29.1192, 28.2842,
35.3776

■ 21.4450, 12.9357,
32.8191

■ 31.5670, 33.1795,
36.1935

■ 20.7120, 11.4698,
32.5747

■ 34.3507, 38.7471,
37.1215

■ 20.2013, 10.4485,
32.4044

■ 37.4826, 45.0108,
38.1656

■ 19.8878, 9.8215,
32.2998

■ 40.9740, 51.9936,
39.3294

■ 19.7112, 9.4683,
32.2409

■ 44.8359, 59.7173,
40.6168

■ 49.0786, 68.2028,
42.0311

■ 53.7123, 77.4702,
43.5758

Harmonies

Analogous

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



22.3310, 20.4055, 43.0017



25.1797, 20.4055, 34.0640



26.4782, 20.4055, 23.5048

Triad

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



25.1797, 20.4055, 34.0640



19.8390, 20.4055, 8.5242



14.2103, 20.4055, 31.2381

Complementary

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



25.1797, 20.4055, 34.0640



20.9563, 28.1330, 18.7949

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.



13.7029, 20.4055, 20.9792



25.1797, 20.4055, 34.0640



16.7280, 20.4055, 9.5159

Square

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



25.1797, 20.4055, 34.0640



23.1804, 20.4055, 10.2515



14.5716, 20.4055, 13.4965



16.0456, 20.4055, 41.0704

Rectangle

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



25.1797, 20.4055, 34.0640



26.1926, 20.4055, 17.5449



14.5716, 20.4055, 13.4965



13.8885, 20.4055, 27.6552

Sweetspot

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



25.1803, 20.4064, 34.0644



53.2841, 52.1633, 64.3868



17.7770, 16.5898, 33.7182



11.6001, 11.2287, 14.1263



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.1803, 20.4064, 34.0644



43.8581, 33.3116, 61.2444



23.3789, 19.6858, 24.5780



6.9042, 6.7546, 8.3465



16.2358, 7.7989, 26.5562



0.2903, 0.1394, 0.4748

Inverse Universe

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



25.1803, 20.4064, 34.0644



43.8581, 33.3116, 61.2444



22.3951, 28.7085, 26.3714



6.9042, 6.7546, 8.3465



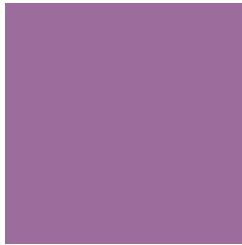
16.2358, 7.7989, 26.5562



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 25.1797, 20.4055, 34.0640 looks on a white background.

Color Contrast Check

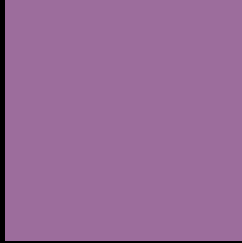
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1797, 20.4055, 34.0640 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 25.1797, 20.4055, 34.0640

Background



This preview shows how black text looks on a background with the XYZ color 25.1797, 20.4055, 34.0640.



This preview shows how white text looks on a background with the XYZ color 25.1797, 20.4055,

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

25.1797, 20.4055, 34.0640

Protanopia

20.9928, 20.7160, 39.4514

Deuteranopia

20.8777, 20.4299, 32.9800



Tritanopia

22.7177, 20.3921, 21.8075

Trichromacy



Original Color

25.1797, 20.4055, 34.0640

Protanomaly

22.2609, 20.5051, 37.4349

Deuteranomaly

22.1857, 20.2066, 33.3028

Tritanomaly

23.4859, 20.3601, 25.9846

Monochromacy



Original Color

25.1797, 20.4055, 34.0640

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.9060, 20.9130, 26.9268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1797, 20.4055, 34.0640 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(156, 109, 156)` looks like.

```
.text, #text, p{  
    color:rgb(156, 109, 156)  
}
```

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(156, 109, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 109, 156) }
```

Border

The CSS property to change the border of an element to XYZ 25.1797, 20.4055, 34.0640 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(156, 109, 156) }
```


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

```
.border{ border-color:rgb(156, 109, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 109, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 109, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 109, 156);  
box-shadow:4px 4px 4px 4px rgb(156, 109,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1797, 20.4055, 34.0640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 109, 156) }
```

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

```
.background{ background-color: rgb(156,  
109, 156) }
```

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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