

Converting Colors

XYZ(25.2395, 20.1414, 33.9041)

Have a look what the booklet for
XYZ(25.2395, 20.1414, 33.9041)
contains.

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Color

**XYZ(25.1631, 20.0838,
34.0028)**

Conversions

Conversions Part 1

Format	Color
Hex	9D6B9C
RGB	157, 107, 156
RGB Percent	62%, 42%, 61%
CMY	0.3843, 0.5804, 0.3882
CMYK	0.00, 0.32, 0.01, 0.38
HSL	301°, 20%, 52%
HSV	301°, 32%, 62%
XYZ	25.1631, 20.0838, 34.0028
YIQ	127.5360, 14.0710, 25.8390

Conversions

Conversions Part 2

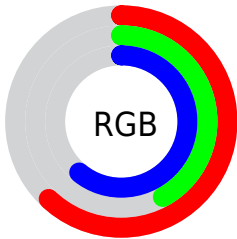
Format	Color
R _{YB}	157, 107, 156
Decimal	10316700
CIE _{Lab}	51.93, 28.24, -18.57
CIE _{LCh}	52, 33.800, 326.682
Yxy	20.0838, 0.3175, 0.2534
Android (android.graphics.Color)	4288506780 (0xFF9D6B9C)
YUV	127.5360, 14.0328, 25.8399
Hunter-Lab	44.8150, 21.7996, -13.6151

Details

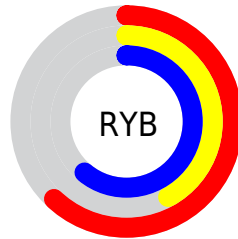
The XYZ color **25.1631, 20.0838, 34.0028** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.8280, 28.3232, 18.5577**, and the grayscale version is **20.3076, 21.3651, 23.2666**.

A 20% lighter version of the original color is **51.3074, 43.4965, 67.3195**, and **9.8886, 7.0493, 14.2041** is the 20% darker color. If you saturate the color by 10%, you get **23.6462, 17.0921, 33.3663**, and if you desaturate by 10%, it is **26.9786, 23.6717, 34.7396**.

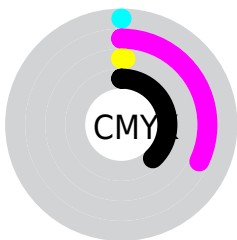
Distribution



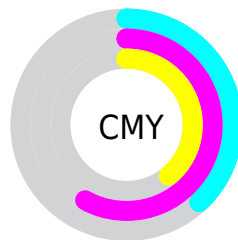
- Red (62%)
- Green (42%)
- Blue (61%)



- Red (62%)
- Yellow (42%)
- Blue (61%)



- Cyan (0%)
- Magenta (32%)
- Yellow (1%)
- Black (38%)



- Cyan (38%)
- Magenta (58%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1631, 20.0838, 34.0028 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 25.1631, 20.0838, 34.0028 by changing the saturation by 10% instead.

■ 25.1631, 20.0838,
34.0028

■ 25.1631, 20.0838,
34.0028

270.9819,
252.3684, 334.9141

■ 16.3280, 12.4560,
22.6184

■ 51.3627, 43.5576,
67.0720

■ 9.8489, 7.0550,
14.1093

■ 69.4579, 60.1724,
89.5938

■ 5.3604, 3.4965,
8.0571

■ 91.3705, 80.5517,
116.6652

■ 2.4971, 1.3961,
4.0432

■ 117.4658,
105.0798, 148.7046

■ 0.8938, 0.2139,
1.6491

148.1093,
134.1411, 186.1307

■ 0.0000, 0.0000,
0.3255

183.6662,

■ 0.0000, 0.0000,

168.1200, 229.3619

0.0000

224.5020,
207.4010, 278.8169

■ 25.1631, 20.0838,
34.0028

■ 25.1631, 20.0838,
34.0028

■ 23.6462, 17.0921,
33.3663

■ 26.9786, 23.6717,
34.7396

■ 22.4098, 14.6617,
32.8234

■ 29.1056, 27.8829,
35.5804

■ 21.4369, 12.7583,
32.3687

■ 31.5586, 32.7461,
36.5302

■ 20.7080, 11.3427,
31.9956

■ 34.3507, 38.2874,
37.5934

■ 20.2007, 10.3702,
31.6968

■ 37.4942, 44.5314,
38.7740

■ 19.8886, 9.7880,
31.4633

■ 41.0009, 51.5015,
40.0761

■ 19.7259, 9.4966,
31.3038

■ 44.8819, 59.2202,
41.5032

■ 49.1479, 67.7088,
43.0590

■ 53.8091, 76.9878,
44.7470

Harmonies

Analogous

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



22.2140, 20.0838, 43.5211



25.1631, 20.0838, 34.0028



26.4784, 20.0838, 22.9821

Triad

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



25.1631, 20.0838, 34.0028



19.4743, 20.0838, 7.8896



13.7706, 20.0838, 31.5183

Complementary

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



25.1631, 20.0838, 34.0028



20.8280, 28.3232, 18.5577

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.



13.2208, 20.0838, 20.7902



25.1631, 20.0838, 34.0028



16.2719, 20.0838, 8.9386

Square

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



25.1631, 20.0838, 34.0028



22.9553, 20.0838, 9.5558



14.0807, 20.0838, 13.0299



15.6833, 20.0838, 41.8102

Rectangle

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



25.1631, 20.0838, 34.0028



26.1475, 20.0838, 16.8710



14.0807, 20.0838, 13.0299



13.4310, 20.0838, 27.7651

Sweetspot

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



25.1637, 20.0847, 34.0032



52.8095, 51.2925, 63.9874



17.5085, 16.1284, 34.0891



11.5016, 11.0511, 14.0337



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.



25.1637, 20.0847, 34.0032



43.1381, 32.1677, 60.0914



23.2711, 19.3276, 24.0370



6.8984, 6.7523, 8.3162



16.0225, 7.7136, 25.4330



0.2881, 0.1386, 0.4633

Inverse Universe

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



25.1637, 20.0847, 34.0032



43.1381, 32.1677, 60.0914



22.3433, 28.9293, 26.5371



6.8984, 6.7523, 8.3162



16.0225, 7.7136, 25.4330



0.2881, 0.1386, 0.4633

Previews

White Background



This preview shows how the XYZ color 25.1631, 20.0838, 34.0028 looks on a white background.

Color Contrast Check

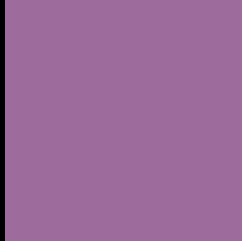
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1631, 20.0838, 34.0028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

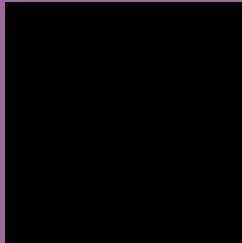
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1631, 20.0838, 34.0028

Background



This preview shows how black text looks on a background with the XYZ color 25.1631, 20.0838, 34.0028.



This preview shows how white text looks on a background with the XYZ color 25.1631, 20.0838,

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

25.1631, 20.0838, 34.0028

Protanopia

20.6136, 20.3354, 39.3979

Deuteranopia

20.5945, 20.2839, 32.9667



Tritanopia

22.6670, 20.2121, 21.1190

Trichromacy



Original Color

25.1631, 20.0838, 34.0028

Protanomaly

21.8742, 19.9561, 37.3493

Deuteranomaly

22.0255, 20.1240, 33.2953

Tritanomaly

23.3139, 19.9601, 25.1782

Monochromacy



Original Color

25.1631, 20.0838, 34.0028

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.9514, 20.7569, 26.8943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1631, 20.0838, 34.0028 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(157, 107, 156)` looks like.

```
.text, #text, p{  
    color:rgb(157, 107, 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(157, 107, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 107, 156) }
```

Border

The CSS property to change the border of an element to XYZ 25.1631, 20.0838, 34.0028 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(157, 107, 156) }
```


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

```
.border{ border-color:rgb(157, 107, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 107, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 107, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 107, 156);  
box-shadow:4px 4px 4px 4px rgb(157, 107,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1631, 20.0838, 34.0028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 107, 156) }
```

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

```
.background{ background-color: rgb(157,  
107, 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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