

Converting Colors

XYZ(25.3946, 20.2057, 20.0144)

Have a look what the booklet for
XYZ(25.3946, 20.2057, 20.0144)
contains.

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Color

**XYZ(25.3946, 20.2057,
20.0144)**

Conversions

Conversions Part 1

Format	Color
Hex	AC6977
RGB	172, 105, 119
RGB Percent	67%, 41%, 47%
CMY	0.3255, 0.5882, 0.5333
CMYK	0.00, 0.39, 0.31, 0.33
HSL	347°, 29%, 54%
HSV	347°, 39%, 67%
XYZ	25.3946, 20.2057, 20.0144
YIQ	126.6290, 35.4380, 18.5580

Conversions

Conversions Part 2

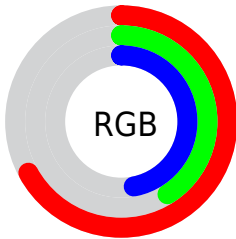
Format	Color
R_{YB}	172, 105, 119
Decimal	11299191
CIE _{Lab}	52.07, 28.64, 3.64
CIE _{LCh}	52, 28.866, 7.252
Yxy	20.2057, 0.3870, 0.3079
Android (android.graphics.Color)	4289489271 (0xFFAC6977)
YUV	126.6290, -3.7611, 39.7904
Hunter-Lab	44.9508, 22.1785, 5.0665

Details

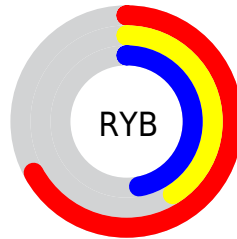
The XYZ color **25.3946, 20.2057, 20.0144** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.7507, 34.9774, 37.6910**, and the grayscale version is **20.0501, 21.0943, 22.9717**.

A 20% lighter version of the original color is **51.7208, 43.7122, 44.2394**, and **10.0227, 7.1348, 6.8101** is the 20% darker color. If you saturate the color by 10%, you get **23.0571, 16.7461, 15.4881**, and if you desaturate by 10%, it is **28.2045, 24.4227, 25.2759**.

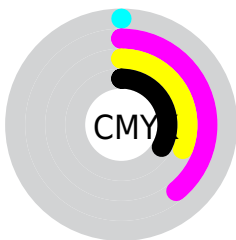
Distribution



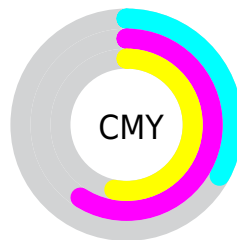
- Red (67%)
- Green (41%)
- Blue (47%)



- Red (67%)
- Yellow (41%)
- Blue (47%)



- Cyan (0%)
- Magenta (39%)
- Yellow (31%)
- Black (33%)





- Cyan (33%)
- Magenta (59%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3946, 20.2057, 20.0144 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 25.3946, 20.2057, 20.0144 by changing the saturation by 10% instead.


 25.3946, 20.2057,
20.0144


 25.3946, 20.2057,
20.0144

272.1089,
253.0265, 264.5999


 16.5016, 12.5447,
12.2213


 51.7350, 43.7618,
44.3006


 9.9729, 7.1158,
6.7702


 69.9130, 60.4256,
61.6308

 5.4431, 3.5346,
3.2426

 91.9168, 80.8592,
82.9772

 2.5469, 1.4168,
1.2198

 118.1116,
105.4468, 108.7582

 0.9190, 0.2290,
0.0000

148.8629,
134.5730, 139.3925

 0.0000, 0.0000,
0.0000

184.5360,

168.6221, 175.2985

225.4962,
207.9785, 216.8948

■ 25.3946, 20.2057,
20.0144

■ 25.3946, 20.2057,
20.0144

■ 23.0571, 16.7461,
15.4881

■ 28.2045, 24.4227,
25.2759

■ 21.1639, 13.9960,
11.6626

■ 31.5096, 29.4353,
31.3024

■ 19.6865, 11.9066,
8.5023


■ 35.3330, 35.2828,
38.1236


■ 18.5922, 10.4216,
5.9682


■ 39.6959, 42.0011,
45.7673


■ 17.8431, 9.4753,
4.0166


■ 44.6184, 49.6236,
54.2597


 17.3725, 8.9457,
2.5911

 50.1195, 58.1825,
63.6260

 17.3307, 8.8976,
2.4677

 56.2173, 67.7079,
73.8904

 62.9291, 78.2289,
85.0760

 68.7195, 86.6692,
96.6877

Harmonies

Analogous

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



24.9210, 20.2057, 28.8939



25.3946, 20.2057, 20.0144



24.0794, 20.2057, 13.5644

Triad

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



25.3946, 20.2057, 20.0144



15.9740, 20.2057, 11.4435



17.0954, 20.2057, 40.6242

Complementary

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



25.3946, 20.2057, 20.0144



26.7507, 34.9774, 37.6910

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.



15.0371, 20.2057, 33.3628



25.3946, 20.2057, 20.0144



14.4374, 20.2057, 16.3013

Square

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



25.3946, 20.2057, 20.0144



18.4983, 20.2057, 9.5063



14.1128, 20.2057, 24.1140



19.9293, 20.2057, 42.3534

Rectangle

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



25.3946, 20.2057, 20.0144



22.4373, 20.2057, 10.9767



14.1128, 20.2057, 24.1140



16.2989, 20.2057, 38.6733

Sweetspot

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



25.3952, 20.2067, 20.0148



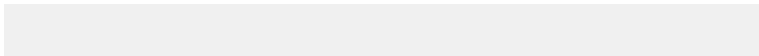
61.7293, 60.3749, 64.9609



26.4978, 20.2996, 41.5514



13.2248, 12.8294, 13.7785



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.



25.3952, 20.2067, 20.0148



42.2585, 31.0108, 28.9443



26.7693, 24.2026, 16.6265



8.0712, 8.0417, 8.6855



12.9137, 6.6280, 1.9250



0.3785, 0.1921, 0.1548

Inverse Universe

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



25.3952, 20.2067, 20.0148



42.2585, 31.0108, 28.9443



24.6668, 28.7705, 43.2830



8.0712, 8.0417, 8.6855



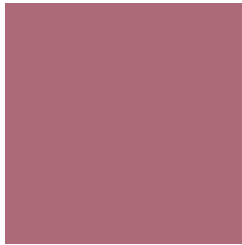
12.9137, 6.6280, 1.9250



0.3785, 0.1921, 0.1548

Previews

White Background



This preview shows how the XYZ color 25.3946, 20.2057, 20.0144 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

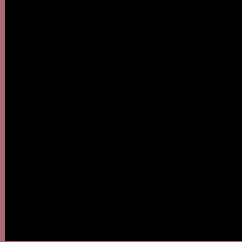
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3946, 20.2057, 20.0144

Background



This preview shows how black text looks on a background with the XYZ color 25.3946, 20.2057, 20.0144.



This preview shows how white text looks on a background with the XYZ color 25.3946, 20.2057,

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

25.3946, 20.2057, 20.0144

Protanopia

19.6944, 20.3870, 24.0162

Deuteranopia

20.6841, 20.2693, 19.3452



Tritanopia

25.2046, 20.2936, 18.5082

Trichromacy



Original Color

25.3946, 20.2057, 20.0144

Protanomaly

21.2825, 19.9797, 22.4734

Deuteranomaly

22.2905, 20.2212, 19.5579

Tritanomaly

25.3197, 20.3397, 19.1145

Monochromacy



Original Color

25.3946, 20.2057, 20.0144

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.5626, 20.4885, 21.8870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3946, 20.2057, 20.0144 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(172, 105, 119)` looks like.

```
.text, #text, p{  
    color:rgb(172, 105, 119)  
}
```

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(172, 105, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 105, 119) }
```

Border

The CSS property to change the border of an element to XYZ 25.3946, 20.2057, 20.0144 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(172, 105, 119) }
```


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

```
.border{ border-color:rgb(172, 105, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 105, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 105, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 105, 119);  
box-shadow:4px 4px 4px 4px rgb(172, 105,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3946, 20.2057, 20.0144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 105, 119) }
```

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

```
.background{ background-color: rgb(172,  
105, 119) }
```

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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