

Converting Colors

XYZ(23.8728, 20.0485, 16.3203)

Have a look what the booklet for
XYZ(23.8728, 20.0485, 16.3203)
contains.

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Color

**XYZ(24.0065, 20.1934,
16.2681)**

Conversions

Conversions Part 1

Format	Color
Hex	A76D6A
RGB	167, 109, 106
RGB Percent	65%, 43%, 42%
CMY	0.3451, 0.5725, 0.5843
CMYK	0.00, 0.35, 0.37, 0.35
HSL	3°, 26%, 54%
HSV	3°, 37%, 65%
XYZ	24.0065, 20.1934, 16.2681
YIQ	126.0000, 35.5310, 11.3630

Conversions

Conversions Part 2

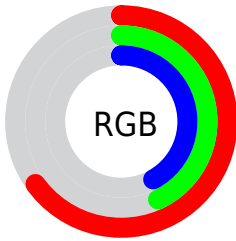
Format	Color
R_{YB}	167, 109, 106
Decimal	10972522
CIE _{Lab}	52.06, 22.72, 11.21
CIE _{LCh}	52, 25.332, 26.266
Yxy	20.1934, 0.3970, 0.3340
Android (android.graphics.Color)	4289162602 (0xFFA76D6A)
YUV	126.0000, -9.8600, 35.9570
Hunter-Lab	44.9371, 16.7193, 9.9918

Details

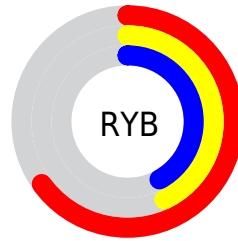
The XYZ color **24.0065, 20.1934, 16.2681** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.1938, 32.4038, 41.4332**, and the grayscale version is **19.8557, 20.8897, 22.7489**.

A 20% lighter version of the original color is **49.5711, 43.7714, 37.7343**, and **9.2682, 7.1640, 5.0320** is the 20% darker color. If you saturate the color by 10%, you get **21.6777, 16.7928, 11.6164**, and if you desaturate by 10%, it is **26.8115, 24.2755, 21.9134**.

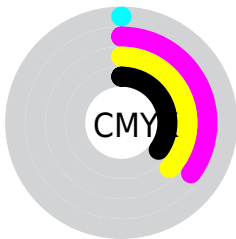
Distribution



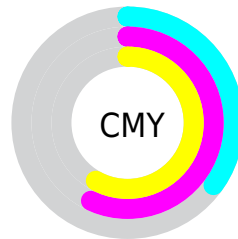
- Red (65%)
- Green (43%)
- Blue (42%)



- Red (65%)
- Yellow (43%)
- Blue (42%)



- Cyan (0%)
- Magenta (35%)
- Yellow (37%)
- Black (35%)





- Cyan (35%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0065, 20.1934, 16.2681 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 24.0065, 20.1934, 16.2681 by changing the saturation by 10% instead.


 24.0065, 20.1934,
16.2681


 24.0065, 20.1934,
16.2681


265.2932,
252.9602, 242.8180


 15.4632, 12.5357,
9.5577


 49.4954, 43.7412,
37.8363


 9.2335, 7.1096,
5.0049


 67.1717, 60.4001,
53.5311

 4.9522, 3.5308,
2.1914

 88.6231, 80.8282,
73.0577

 2.2537, 1.4147,
0.6694

 114.2149,
105.4098, 96.8348

 0.7708, 0.2275,
0.0000

144.3124,
134.5295, 125.2809

 0.0000, 0.0000,
0.0000

179.2811,

168.5715, 158.8144

219.4862,
207.9202, 197.8539

■ 24.0065, 20.1934,
16.2681

■ 24.0065, 20.1934,
16.2681

■ 21.6777, 16.7928,
11.6164

■ 26.8115, 24.2755,
21.9134

■ 19.7971, 14.0340,
7.8996

■ 30.1154, 29.0703,
28.6038

■ 18.3364, 11.8774,
5.0548


■ 33.9414, 34.6107,
36.3889


■ 17.2632, 10.2780,
3.0109


■ 38.3107, 40.9264,
45.3146


■ 16.5407, 9.1846,
1.6857


■ 43.2434, 48.0459,
55.4242


 16.1217, 8.5353,
0.9643

 48.7585, 55.9959,
66.7589

 16.0256, 8.3940,
0.7756

 54.8743, 64.8020,
79.3578

 61.6081, 74.4887,
93.2581

 68.7664, 84.9955,
107.3891

Harmonies

Analogous

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



24.5950, 20.1934, 22.9278



24.0065, 20.1934, 16.2681



22.0892, 20.1934, 12.1433

Triad

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



24.0065, 20.1934, 16.2681



15.3479, 20.1934, 14.9890



18.8712, 20.1934, 39.4790

Complementary

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



24.0065, 20.1934, 16.2681



26.1938, 32.4038, 41.4332

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.



16.5621, 20.1934, 36.0836



24.0065, 20.1934, 16.2681



14.6466, 20.1934, 21.0727

Square

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



24.0065, 20.1934, 16.2681



17.0758, 20.1934, 11.5296



15.0706, 20.1934, 28.9105



21.4789, 20.1934, 37.3895

Rectangle

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



24.0065, 20.1934, 16.2681



20.3982, 20.1934, 10.8520



15.0706, 20.1934, 28.9105



18.0367, 20.1934, 38.9247

Sweetspot

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



24.0070, 20.1944, 16.2685



57.4663, 57.1795, 58.4059



27.8789, 21.2391, 38.2116



12.6623, 12.5096, 12.6682



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.0070, 20.1944, 16.2685



39.4862, 31.0445, 22.1226



27.7031, 27.5866, 17.5005



7.5597, 7.5994, 7.8577



12.2737, 6.4447, 0.5971



0.3076, 0.1748, 0.0175

Inverse Universe

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



26.1938, 32.4038, 41.4332



43.9873, 56.2030, 74.0052



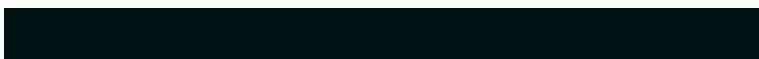
21.5088, 23.0338, 39.8715



7.7154, 8.4678, 9.6461



14.8059, 21.0719, 31.2624



0.3695, 0.5312, 0.7637

Previews

White Background



This preview shows how the XYZ color 24.0065, 20.1934, 16.2681 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 24.0065, 20.1934, 16.2681 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 24.0065, 20.1934, 16.2681

Background



This preview shows how black text looks on a background with the XYZ color 24.0065, 20.1934, 16.2681.

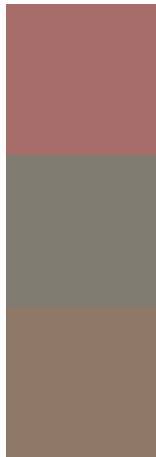


This preview shows how white text looks on a background with the XYZ color 24.0065, 20.1934,

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

24.0065, 20.1934, 16.2681

Protanopia

19.2982, 20.2973, 18.8202

Deuteranopia

20.7168, 20.3617, 15.9350



Tritanopia

24.6634, 20.3109, 19.1435

Trichromacy



Original Color

24.0065, 20.1934, 16.2681

Protanomaly

20.7938, 20.1810, 17.8383

Deuteranomaly

21.7441, 20.1861, 16.1149

Tritanomaly

24.4356, 20.2198, 17.9441

Monochromacy



Original Color

24.0065, 20.1934, 16.2681

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.0307, 20.4276, 20.2872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0065, 20.1934, 16.2681 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(167, 109, 106)` looks like.

```
.text, #text, p{  
    color:rgb(167, 109, 106)  
}
```

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(167, 109, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 109, 106) }
```

Border

The CSS property to change the border of an element to XYZ 24.0065, 20.1934, 16.2681 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(167, 109, 106) }
```


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

```
.border{ border-color:rgb(167, 109, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 109, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 109, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 109, 106);  
box-shadow:4px 4px 4px 4px rgb(167, 109,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0065, 20.1934, 16.2681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 109, 106) }
```

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

```
.background{ background-color: rgb(167,  
109, 106) }
```

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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