

Converting Colors

XYZ(25.4106, 20.4902, 16.2427)

Have a look what the booklet for
XYZ(25.4106, 20.4902, 16.2427)
contains.

XYZ(25.4347, 20.4626, 16.2448)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.4347, 20.4626,
16.2448)**

Conversions

Conversions Part 1

Format	Color
Hex	AF6A6A
RGB	175, 106, 106
RGB Percent	69%, 42%, 42%
CMY	0.3137, 0.5843, 0.5843
CMYK	0.00, 0.39, 0.39, 0.31
HSL	0°, 30%, 55%
HSV	0°, 39%, 69%
XYZ	25.4347, 20.4626, 16.2448
YIQ	126.6310, 41.1240, 14.6280

Conversions

Conversions Part 2

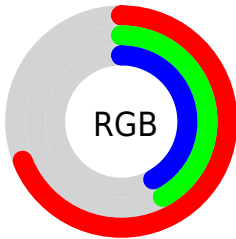
Format	Color
R _Y B	175, 106, 106
Decimal	11496042
CIE Lab	52.36, 27.57, 11.78
CIE LCh	52, 29.978, 23.139
Yxy	20.4626, 0.4093, 0.3293
Android (android.graphics.Color)	4289686122 (0xFFAF6A6A)
YUV	126.6310, -10.1711, 42.4196
Hunter-Lab	45.2356, 21.2032, 10.3730

Details

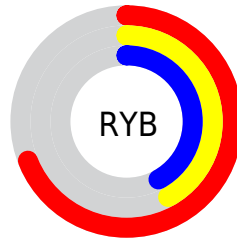
The XYZ color **25.4347, 20.4626, 16.2448** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.0110, 36.8177, 46.1348**, and the grayscale version is **20.0707, 21.1159, 22.9952**.

A 20% lighter version of the original color is **51.5914, 44.0438, 37.6804**, and **9.9983, 7.2351, 5.0072** is the 20% darker color. If you saturate the color by 10%, you get **22.9928, 16.8896, 11.3898**, and if you desaturate by 10%, it is **28.4314, 24.8478, 22.2013**.

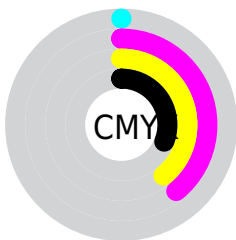
Distribution



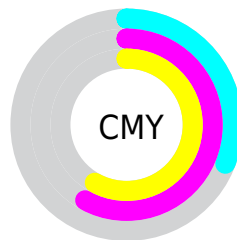
- Red (69%)
- Green (42%)
- Blue (42%)



- Red (69%)
- Yellow (42%)
- Blue (42%)



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





- Cyan (31%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4347, 20.4626, 16.2448 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 25.4347, 20.4626, 16.2448 by changing the saturation by 10% instead.

 25.4347, 20.4626,
16.2448


 25.4347, 20.4626,
16.2448

272.3038,
254.4085, 242.6768


 16.5317, 12.7318,
9.5413

 51.7994, 44.1914,
37.7954


 9.9944, 7.2441,
4.9943


 69.9918, 60.9582,
53.4795

 5.4575, 3.6152,
2.1852

 92.0113, 81.5057,
72.9943

 2.5556, 1.4607,
0.6658

 118.2233,
106.2184, 96.7583

 0.9234, 0.2609,
0.0000

148.9933,
135.4806, 125.1900

 0.0000, 0.0000,
0.0000

184.6864,

169.6768, 158.7079

225.6681,
209.1913, 197.7307

■ 25.4347, 20.4626,
16.2448

■ 25.4347, 20.4626,
16.2448

■ 22.9928, 16.8896,
11.3898

■ 28.4314, 24.8478,
22.2013

■ 21.0702, 14.0762,
7.5678

■ 32.0122, 30.0876,
29.3199

■ 19.6297, 11.9684,
4.7044

■ 36.2065, 36.2251,
37.6581

■ 18.6287, 10.5036,
2.7147

■ 41.0412, 43.2995,
47.2692

■ 18.0171, 9.6086,
1.4990

■ 46.5414, 51.3478,
58.2036

■ 17.6956, 9.1381,
0.8599

■ 52.7310, 60.4050,
70.5086

■ 17.6793, 9.1141,
0.8274

■ 59.6329, 70.5042,
84.2294

■ 67.2685, 81.6773,
99.4092

■ 71.4891, 87.8539,
107.7974

Harmonies

Analogous

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



25.9585, 20.4626, 24.3737



25.4347, 20.4626, 16.2448



23.2320, 20.4626, 11.2579

Triad

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



25.4347, 20.4626, 16.2448



15.0755, 20.4626, 13.5584



18.7485, 20.4626, 43.7820

Complementary

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



25.4347, 20.4626, 16.2448



29.0110, 36.8177, 46.1348

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.



16.1008, 20.4626, 38.8394



25.4347, 20.4626, 16.2448



14.1304, 20.4626, 20.3103

Square

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



25.4347, 20.4626, 16.2448



17.2083, 20.4626, 10.0180



14.4849, 20.4626, 29.6514



21.8764, 20.4626, 41.8562

Rectangle

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



25.4347, 20.4626, 16.2448



21.2223, 20.4626, 9.6488



14.4849, 20.4626, 29.6514



17.7775, 20.4626, 42.8333

Sweetspot

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



25.4352, 20.4636, 16.2452



62.6439, 61.6575, 63.0691



30.5711, 22.5173, 43.2923



13.7066, 13.3870, 13.5871



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.4352, 20.4636, 16.2452



41.8215, 31.1884, 21.6754



29.7321, 29.0573, 17.6775



8.0053, 8.0154, 8.3386



12.6607, 6.5270, 0.5925



0.3522, 0.1816, 0.0165

Inverse Universe

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



29.0110, 36.8177, 46.1348



49.0971, 64.4642, 82.4920



23.1332, 25.0621, 44.1755



8.2363, 9.0720, 10.2697



16.5183, 24.1704, 32.8393



0.4595, 0.6724, 0.9136

Previews

White Background



This preview shows how the XYZ color 25.4347, 20.4626, 16.2448 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 25.4347, 20.4626, 16.2448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

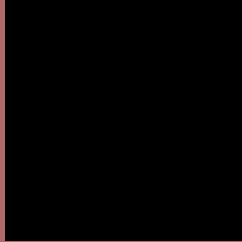
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4347, 20.4626, 16.2448

Background



This preview shows how black text looks on a background with the XYZ color 25.4347, 20.4626, 16.2448.



This preview shows how white text looks on a background with the XYZ color 25.4347, 20.4626,

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

25.4347, 20.4626, 16.2448

Protanopia

19.6919, 20.6740, 19.4756

Deuteranopia

20.8417, 20.4320, 15.6772



Tritanopia

25.9367, 20.5255, 18.2176

Trichromacy



Original Color

25.4347, 20.4626, 16.2448

Protanomaly

21.2571, 20.2377, 18.1151

Deuteranomaly

22.3397, 20.3289, 15.8431

Tritanomaly

25.7705, 20.4590, 17.3426

Monochromacy



Original Color

25.4347, 20.4626, 16.2448

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.4282, 20.4549, 20.2716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4347, 20.4626, 16.2448 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(175, 106, 106)` looks like.

```
.text, #text, p{  
    color:rgb(175, 106, 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(175, 106, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 106, 106) }
```

Border

The CSS property to change the border of an element to XYZ 25.4347, 20.4626, 16.2448 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(175, 106, 106) }
```


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

```
.border{ border-color:rgb(175, 106, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 106, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 106, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 106, 106);  
box-shadow:4px 4px 4px 4px rgb(175, 106,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4347, 20.4626, 16.2448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 106, 106) }
```

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

```
.background{ background-color: rgb(175,  
106, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor