

Converting Colors

XYZ(22.7390, 18.3908, 14.2655)

Have a look what the booklet for
XYZ(22.7390, 18.3908, 14.2655)
contains.

XYZ(22.6317, 18.3152, 14.1467)	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(22.6317, 18.3152,
14.1467)**

Conversions

Conversions Part 1

Format	Color
Hex	A66563
RGB	166, 101, 99
RGB Percent	65%, 40%, 39%
CMY	0.3490, 0.6039, 0.6118
CMYK	0.00, 0.39, 0.40, 0.35
HSL	2°, 27%, 52%
HSV	2°, 40%, 65%
XYZ	22.6317, 18.3152, 14.1467
YIQ	120.2070, 39.3820, 13.1580

Conversions

Conversions Part 2

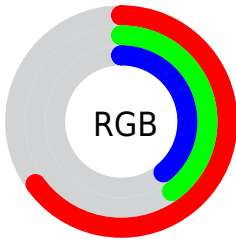
Format	Color
R_{YB}	166, 101, 99
Decimal	10904931
CIE Lab	49.88, 25.96, 12.28
CIE LCh	50, 28.716, 25.324
Yxy	18.3152, 0.4108, 0.3324
Android (android.graphics.Color)	4289095011 (0xFFA66563)
YUV	120.2070, -10.4551, 40.1605
Hunter-Lab	42.7963, 19.5017, 10.3585

Details

The XYZ color **22.6317, 18.3152, 14.1467** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.3034, 31.9554, 40.9108**, and the grayscale version is **17.9429, 18.8773, 20.5574**.

A 20% lighter version of the original color is **47.3277, 40.6724, 34.2103**, and **8.5978, 6.2480, 4.1210** is the 20% darker color. If you saturate the color by 10%, you get **20.5049, 15.2037, 9.9167**, and if you desaturate by 10%, it is **25.2290, 22.1065, 19.3387**.

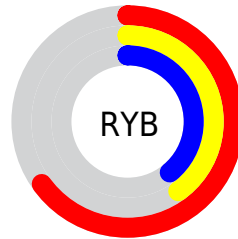
Distribution



Red (65%)

Green (40%)

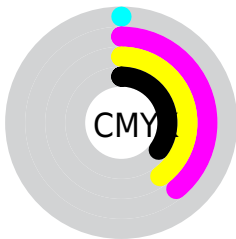
Blue (39%)



Red (65%)

Yellow (40%)

Blue (39%)

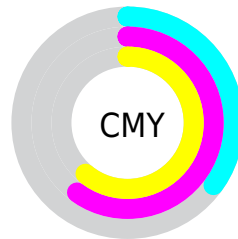


Cyan (0%)

Magenta (39%)

Yellow (40%)

Black (35%)



Cyan (35%)

Magenta (60%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6317, 18.3152, 14.1467 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 22.6317, 18.3152, 14.1467 by changing the saturation by 10% instead.

■ 22.6317, 18.3152,
14.1467

■ 22.6317, 18.3152,
14.1467

258.3985,
242.6417, 229.6016

■ 14.4410, 11.1765,
8.0829

■ 47.2590, 40.5737,
34.0700

■ 8.5118, 6.1857,
4.0595

■ 64.4263, 56.4623,
48.7665

■ 4.4787, 2.9583,
1.6580

■ 85.3165, 76.0363,
67.1776

■ 1.9763, 1.1100,
0.3317

■ 110.2949, 99.6802,
89.7219

■ 0.6206, 0.0000,
0.0000

139.7270,
127.7782, 116.8179

■ 0.0000, 0.0000,
0.0000

173.9780,

160.7149, 148.8842

213.4134,
198.8746, 186.3392

■ 22.6317, 18.3152,
14.1467

■ 22.6317, 18.3152,
14.1467

■ 20.5049, 15.2037,
9.9167

■ 25.2290, 22.1065,
19.3387

■ 18.8191, 12.7294,
6.5886

■ 28.3210, 26.6115,
25.5457

■ 17.5437, 10.8488,
4.0974


■ 31.9322, 31.8653,
32.8180


■ 16.6437, 9.5124,
2.3685


■ 36.0847, 37.8997,
41.2023


■ 16.0783, 8.6621,
1.3148


■ 40.7997, 44.7449,
50.7426

 15.7798, 8.2148,
0.7539

 46.0970, 52.4292,
61.4803

 51.9955, 60.9797,
73.4550

 58.5133, 70.4223,
86.7044

 65.6677, 80.7818,
101.2646

Harmonies

Analogous

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



23.2204, 18.3152, 21.2008



22.6317, 18.3152, 14.1467



20.5891, 18.3152, 9.9100

Triad

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



22.6317, 18.3152, 14.1467



13.4159, 18.3152, 12.5151



16.9811, 18.3152, 39.1355

Complementary

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



22.6317, 18.3152, 14.1467



25.3034, 31.9554, 40.9108

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.



14.5728, 18.3152, 35.1470



22.6317, 18.3152, 14.1467



12.6569, 18.3152, 18.7344

Square

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



22.6317, 18.3152, 14.1467



15.2453, 18.3152, 9.1564



13.0572, 18.3152, 27.1369



19.7663, 18.3152, 36.9770

Rectangle

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



22.6317, 18.3152, 14.1467



18.7807, 18.3152, 8.5968



13.0572, 18.3152, 27.1369



16.1040, 18.3152, 38.4450

Sweetspot

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



22.6322, 18.3161, 14.1471



56.6603, 55.9515, 56.9537



26.9687, 19.7432, 37.9311



12.4912, 12.2470, 12.3657



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.



22.6322, 18.3161, 14.1471



37.7302, 28.3489, 19.0206



26.4503, 25.9524, 15.4198



7.5484, 7.5769, 7.8539



12.2427, 6.3826, 0.5867



0.3033, 0.1662, 0.0161

Inverse Universe

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



25.3034, 31.9554, 40.9108



43.2198, 56.3985, 74.0833



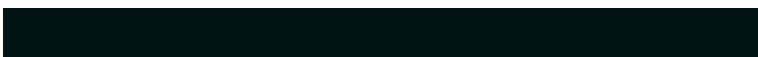
20.1965, 21.7417, 39.2085



7.7280, 8.4930, 9.6503



15.2315, 21.9232, 31.4043



0.3763, 0.5449, 0.7660

Previews

White Background



This preview shows how the XYZ color 22.6317, 18.3152, 14.1467 looks on a white 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

Black Background



This preview shows how the XYZ color 22.6317, 18.3152, 14.1467 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 22.6317, 18.3152, 14.1467

Background



This preview shows how black text looks on a background with the XYZ color 22.6317, 18.3152, 14.1467.

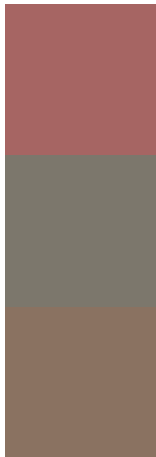


This preview shows how white text looks on a background with the XYZ color 22.6317, 18.3152,

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

22.6317, 18.3152, 14.1467

Protanopia

17.6158, 18.5614, 16.8416

Deuteranopia

18.6562, 18.3010, 13.8584



Tritanopia

23.1474, 18.3914, 16.2398

Trichromacy



Original Color

22.6317, 18.3152, 14.1467

Protanomaly

18.9914, 18.0972, 15.8568

Deuteranomaly

19.8860, 18.1150, 14.0037

Tritanomaly

22.9922, 18.3293, 15.4228

Monochromacy



Original Color

22.6317, 18.3152, 14.1467

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.1463, 18.2985, 17.8521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6317, 18.3152, 14.1467 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(166, 101, 99)` looks like.

```
.text, #text, p{  
    color:rgb(166, 101, 99)  
}
```

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(166, 101, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 101, 99) }
```

Border

The CSS property to change the border of an element to XYZ 22.6317, 18.3152, 14.1467 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(166, 101, 99) }
```


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

```
.border{ border-color:rgb(166, 101, 99) }
```

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

Here you see how a box with a 4 pixel rgb(166, 101, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 101, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 101, 99);  
box-shadow:4px 4px 4px 4px rgb(166, 101,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6317, 18.3152, 14.1467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 101, 99) }
```

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

```
.background{ background-color: rgb(166,  
101, 99) }
```

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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