

Converting Colors

XYZ(22.4079, 18.0406, 14.4057)

Have a look what the booklet for
XYZ(22.4079, 18.0406, 14.4057)
contains.

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Color

**XYZ(22.3745, 18.0338,
14.3582)**

Conversions

Conversions Part 1

Format	Color
Hex	A56464
RGB	165, 100, 100
RGB Percent	65%, 39%, 39%
CMY	0.3529, 0.6078, 0.6078
CMYK	0.00, 0.39, 0.39, 0.35
HSL	0°, 27%, 52%
HSV	0°, 39%, 65%
XYZ	22.3745, 18.0338, 14.3582
YIQ	119.4350, 38.7400, 13.7800

Conversions

Conversions Part 2

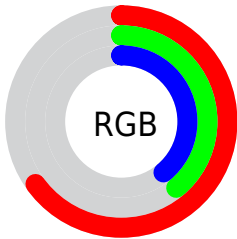
Format	Color
R_{YB}	165, 100, 100
Decimal	10839140
CIE Lab	49.54, 26.24, 11.20
CIE LCh	50, 28.529, 23.107
Yxy	18.0338, 0.4085, 0.3293
Android (android.graphics.Color)	4289029220 (0xFFA56464)
YUV	119.4350, -9.5815, 39.9605
Hunter-Lab	42.4662, 19.7318, 9.6799

Details

The XYZ color **22.3745, 18.0338, 14.3582** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.5016, 32.3349, 40.4945**, and the grayscale version is **17.6938, 18.6153, 20.2721**.

A 20% lighter version of the original color is **46.9384, 40.2204, 34.5676**, and **8.4261, 6.0925, 4.1000** is the 20% darker color. If you saturate the color by 10%, you get **20.2299, 14.8958, 10.0943**, and if you desaturate by 10%, it is **25.0023, 21.8792, 19.5815**.

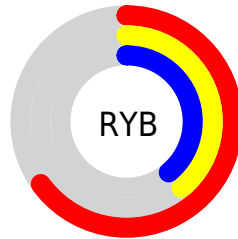
Distribution



Red (65%)

Green (39%)

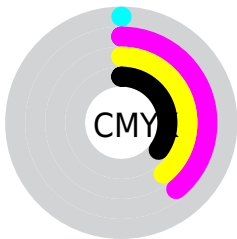
Blue (39%)



Red (65%)

Yellow (39%)

Blue (39%)

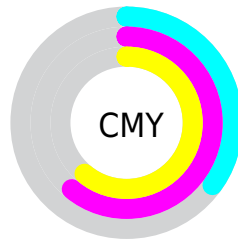


Cyan (0%)

Magenta (39%)

Yellow (39%)

Black (35%)



Cyan (35%)

Magenta (61%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3745, 18.0338, 14.3582 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 22.3745, 18.0338, 14.3582 by changing the saturation by 10% instead.

■ 22.3745, 18.0338,
14.3582

■ 22.3745, 18.0338,
14.3582

257.0916,
241.0615, 230.9534

■ 14.2505, 10.9743,
8.2286

■ 46.8384, 40.0949,
34.4495

■ 8.3779, 6.0495,
4.1517

■ 63.9091, 55.8653,
49.2483

■ 4.3916, 2.8752,
1.7089

■ 84.6926, 75.3080,
67.7739

■ 1.9259, 1.0669,
0.3669

■ 109.5545, 98.8076,
90.4449

■ 0.5918, 0.0000,
0.0000

138.8599,
126.7483, 117.6798

■ 0.0000, 0.0000,
0.0000

172.9743,

159.5146, 149.8972

212.2631,
197.4909, 187.5155

■ 22.3745, 18.0338,
14.3582

■ 22.3745, 18.0338,
14.3582

■ 20.2299, 14.8958,
10.0943

■ 25.0023, 21.8792,
19.5815

■ 18.5378, 12.4197,
6.7305

■ 28.1387, 26.4686,
25.8165

■ 17.2661, 10.5588,
4.2026


■ 31.8090, 31.8393,
33.1129


■ 16.3781, 9.2594,
2.4374


■ 36.0364, 38.0253,
41.5171

■ 15.8306, 8.4583,
1.3493


■ 40.8429, 45.0585,
51.0723

 15.5335, 8.0235,
0.7587

 46.2491, 52.9692,
61.8198

 15.5172, 7.9996,
0.7262

 52.2747, 61.7862,
73.7987

 58.9384, 71.5371,
87.0462

 66.2583, 82.2479,
101.5982

Harmonies

Analogous

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



22.8303, 18.0338, 21.4753



22.3745, 18.0338, 14.3582



20.4510, 18.0338, 9.9813

Triad

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



22.3745, 18.0338, 14.3582



13.3138, 18.0338, 11.9922



16.5249, 18.0338, 38.4111

Complementary

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



22.3745, 18.0338, 14.3582



25.5016, 32.3349, 40.4945

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.



14.2082, 18.0338, 34.0937



22.3745, 18.0338, 14.3582



12.4846, 18.0338, 17.9043

Square

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



22.3745, 18.0338, 14.3582



15.1823, 18.0338, 8.8870



12.7940, 18.0338, 26.0699



19.2605, 18.0338, 36.7378

Rectangle

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



22.3745, 18.0338, 14.3582



18.6944, 18.0338, 8.5659



12.7940, 18.0338, 26.0699



15.6754, 18.0338, 37.5815

Sweetspot

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



22.3750, 18.0347, 14.3585



55.0103, 54.1579, 55.4119



26.8659, 19.8305, 38.0090



11.8483, 11.5794, 11.7601



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



22.3750, 18.0347, 14.3585



36.7650, 27.4597, 19.1410



26.1366, 25.5580, 15.6124



7.0738, 7.0860, 7.3750



11.7389, 6.0518, 0.5494



0.2467, 0.1272, 0.0115

Inverse Universe

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



25.5016, 32.3349, 40.4945



43.1368, 56.6024, 72.4041



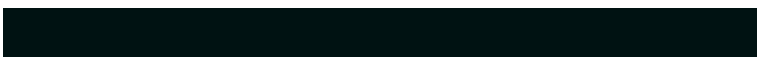
20.3664, 22.0646, 38.7828



7.2761, 8.0112, 9.0659



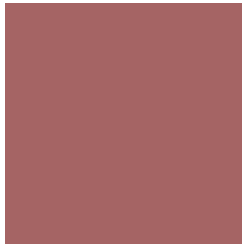
15.3155, 22.4104, 30.4482



0.3218, 0.4709, 0.6398

Previews

White Background



This preview shows how the XYZ color 22.3745, 18.0338, 14.3582 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 22.3745, 18.0338, 14.3582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

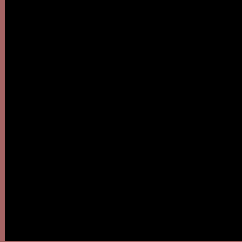
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.3745, 18.0338, 14.3582

Background



This preview shows how black text looks on a background with the XYZ color 22.3745, 18.0338, 14.3582.



This preview shows how white text looks on a background with the XYZ color 22.3745, 18.0338,

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

22.3745, 18.0338, 14.3582

Protanopia

17.2648, 18.1986, 17.0707

Deuteranopia

18.5384, 18.2348, 14.0979



Tritanopia

22.7892, 18.0713, 15.9227

Trichromacy



Original Color

22.3745, 18.0338, 14.3582

Protanomaly

18.7672, 17.8128, 16.0847

Deuteranomaly

19.7534, 18.0412, 14.2456

Tritanomaly

22.6864, 18.0301, 15.3812

Monochromacy



Original Color

22.3745, 18.0338, 14.3582

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.8721, 17.9924, 17.8075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3745, 18.0338, 14.3582 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(165, 100, 100)` looks like.

```
.text, #text, p{  
    color:rgb(165, 100, 100)  
}
```

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(165, 100, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 100, 100) }
```

Border

The CSS property to change the border of an element to XYZ 22.3745, 18.0338, 14.3582 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(165, 100, 100) }
```


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

```
.border{ border-color:rgb(165, 100, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 100, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 100, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 100, 100);  
box-shadow:4px 4px 4px 4px rgb(165, 100,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3745, 18.0338, 14.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 100, 100) }
```

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

```
.background{ background-color: rgb(165,  
100, 100) }
```

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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