

Converting Colors

XYZ(26.3482, 22.0748, 12.9101)

Have a look what the booklet for
XYZ(26.3482, 22.0748, 12.9101)
contains.

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Color

**XYZ(26.4273, 22.1667,
13.0109)**

Conversions

Conversions Part 1

Format	Color
Hex	B3715C
RGB	179, 113, 92
RGB Percent	70%, 44%, 36%
CMY	0.2980, 0.5568, 0.6392
CMYK	0.00, 0.37, 0.49, 0.30
HSL	14°, 36%, 53%
HSV	14°, 49%, 70%
XYZ	26.4273, 22.1667, 13.0109
YIQ	130.3400, 46.0770, 7.4610

Conversions

Conversions Part 2

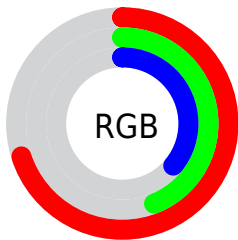
Format	Color
RYB	179, 120, 92
Decimal	11759964
CIELab	54.20, 23.74, 22.53
CIElCh	54, 32.731, 43.500
Yxy	22.1667, 0.4290, 0.3598
Android (android.graphics.Color)	4289950044 (0xFFB3715C)
YUV	130.3400, -18.9016, 42.6748
Hunter-Lab	47.0815, 17.8010, 16.5724

Details

The XYZ color **26.4273, 22.1667, 13.0109** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.7764, 29.9822, 47.1290**, and the grayscale version is **21.3926, 22.5066, 24.5097**.

A 20% lighter version of the original color is **53.2627, 46.8678, 31.8303**, and **10.4949, 8.0750, 3.5903** is the 20% darker color. If you saturate the color by 10%, you get **24.3322, 19.0842, 8.8976**, and if you desaturate by 10%, it is **28.9351, 25.7787, 18.1743**.

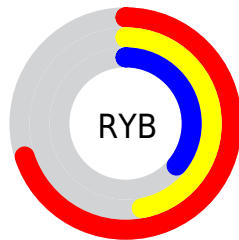
Distribution



Red (70%)

Green (44%)

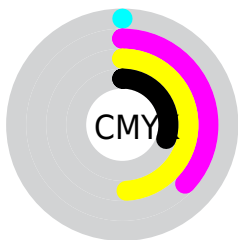
Blue (36%)



Red (70%)

Yellow (47%)

Blue (36%)

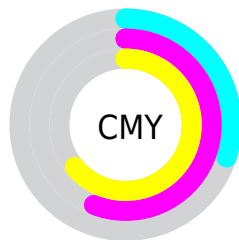


Cyan (0%)

Magenta (37%)

Yellow (49%)

Black (30%)



Cyan (30%)


Magenta (56%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4273, 22.1667, 13.0109 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 26.4273, 22.1667, 13.0109 by changing the saturation by 10% instead.

 26.4273, 22.1667,
13.0109


 26.4273, 22.1667,
13.0109


277.0918,
263.4156, 222.1978


 17.2779, 13.9794,
7.3052


 53.3899, 47.0214,
32.0148

 10.5294, 8.1064,
3.5724


 71.9338, 64.4576,
46.1502

 5.8163, 4.1631,
1.3938

 94.3400, 85.7455,
63.9325

 2.7733, 1.7652,
0.1369

 120.9738,
111.2696, 85.7804

 1.0350, 0.4653,
0.0000

152.2005,
141.4143, 112.1123

 0.0000, 0.0000,
0.0000

188.3855,

176.5639, 143.3468

229.8941,
217.1029, 179.9025

■ 26.4273, 22.1667,
13.0109

■ 26.4273, 22.1667,
13.0109

■ 24.3322, 19.0842,
8.8976

■ 28.9351, 25.7787,
18.1743

■ 22.6248, 16.5026,
5.7601

■ 31.8753, 29.9405,
24.4525

■ 21.2799, 14.3953,
3.5163

■ 35.2682, 34.6752,
31.9064

■ 20.2684, 12.7320,
2.0699

■ 39.1323, 40.0039,
40.5922

■ 19.5468, 11.4746,
1.2564

■ 43.4852, 45.9463,
50.5625

■ 19.4621, 11.3272,
1.1606

■ 48.3435, 52.5213,
61.8667

■ 53.7228, 59.7470,
74.5517

■ 59.6384, 67.6407,
88.6620

■ 66.1046, 76.2191,
104.2402

Harmonies

Analogous

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



28.4404, 22.1667, 19.8474



26.4273, 22.1667, 13.0109



23.0708, 22.1667, 9.8090

Triad

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



26.4273, 22.1667, 13.0109



15.1699, 22.1667, 18.9909



22.7054, 22.1667, 48.6198

Complementary

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



26.4273, 22.1667, 13.0109



24.7764, 29.9822, 47.1290

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.



19.1861, 22.1667, 48.1979



26.4273, 22.1667, 13.0109



15.0956, 22.1667, 29.0013

Square

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



26.4273, 22.1667, 13.0109



16.7044, 22.1667, 12.5367



16.4885, 22.1667, 40.2783



26.1340, 22.1667, 41.3067

Rectangle

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



26.4273, 22.1667, 13.0109



20.6542, 22.1667, 9.3927



16.4885, 22.1667, 40.2783



21.4889, 22.1667, 49.4289

Sweetspot

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



26.4279, 22.1678, 13.0113



65.3870, 65.1789, 62.1037



28.6496, 19.7309, 34.9630



14.1777, 14.0132, 13.0689



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.4279, 22.1678, 13.0113



43.4508, 33.9892, 15.6928



32.3771, 34.0663, 14.9944



8.6575, 8.8274, 8.9001



13.7965, 8.0917, 0.8347



0.4802, 0.3467, 0.0416

Inverse Universe

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



24.7764, 29.9822, 47.1290



40.1032, 49.4989, 83.8218



18.7040, 17.8373, 45.1048



8.5654, 9.2770, 10.8455



12.0022, 14.8047, 32.3620



0.4196, 0.5498, 1.0322

Previews

White Background



This preview shows how the XYZ color 26.4273, 22.1667, 13.0109 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 26.4273, 22.1667, 13.0109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

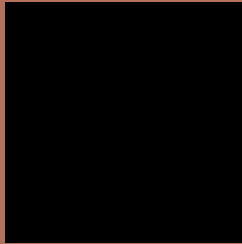
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4273, 22.1667, 13.0109

Background



This preview shows how black text looks on a background with the XYZ color 26.4273, 22.1667, 13.0109.



This preview shows how white text looks on a background with the XYZ color 26.4273, 22.1667,

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

26.4273, 22.1667, 13.0109

Protanopia

20.8822, 22.3551, 15.0187

Deuteranopia

22.5707, 22.1221, 12.7532



Tritanopia

27.7947, 22.0690, 19.9343

Trichromacy



Original Color

26.4273, 22.1667, 13.0109

Protanomaly

22.6454, 22.1299, 14.1443

Deuteranomaly

23.9146, 22.0808, 12.8991

Tritanomaly

27.1586, 21.9593, 17.2751

Monochromacy



Original Color

26.4273, 22.1667, 13.0109

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.5728, 21.9722, 19.5743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4273, 22.1667, 13.0109 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(179, 113, 92)` looks like.

```
.text, #text, p{  
    color:rgb(179, 113, 92)  
}
```

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(179, 113, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 113, 92) }
```

Border

The CSS property to change the border of an element to XYZ 26.4273, 22.1667, 13.0109 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(179, 113, 92) }
```


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

```
.border{ border-color:rgb(179, 113, 92) }
```

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

Here you see how a box with a 4 pixel rgb(179, 113, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 113, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 113, 92);  
box-shadow:4px 4px 4px 4px rgb(179, 113,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4273, 22.1667, 13.0109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 113, 92) }
```

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

```
.background{ background-color: rgb(179,  
113, 92) }
```

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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