

Converting Colors

XYZ(26.4946, 25.8690, 12.2827)

Have a look what the booklet for
XYZ(26.4946, 25.8690, 12.2827)
contains.

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Color

**XYZ(26.6048, 25.9770,
12.2062)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8555
RGB	170, 133, 85
RGB Percent	67%, 52%, 33%
CMY	0.3333, 0.4784, 0.6667
CMYK	0.00, 0.22, 0.50, 0.33
HSL	34°, 33%, 50%
HSV	34°, 50%, 67%
XYZ	26.6048, 25.9770, 12.2062
YIQ	138.5910, 37.4600, -7.0840

Conversions

Conversions Part 2

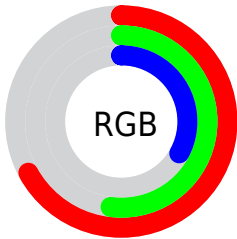
Format	Color
R_{YB}	151, 170, 85
Decimal	11175253
CIE _{Lab}	58.02, 8.04, 31.18
CIE _{LCh}	58, 32.197, 75.537
Yxy	25.9770, 0.4106, 0.4010
Android (android.graphics.Color)	4289365333 (0xFFAA8555)
YUV	138.5910, -26.4204, 27.5457
Hunter-Lab	50.9676, 3.9826, 21.4780

Details

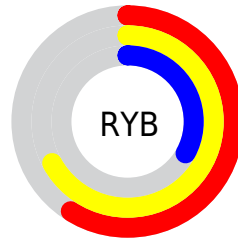
The XYZ color **26.6048, 25.9770, 12.2062** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.9613, 18.7519, 40.7029**, and the grayscale version is **24.4721, 25.7466, 28.0381**.

A 20% lighter version of the original color is **53.6106, 53.1980, 30.3643**, and **10.5904, 10.1254, 3.2299** is the 20% darker color. If you saturate the color by 10%, you get **25.0315, 23.7844, 8.7407**, and if you desaturate by 10%, it is **28.4131, 28.3798, 16.5511**.

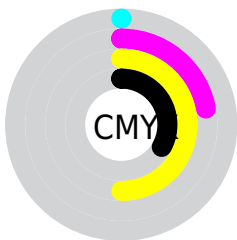
Distribution



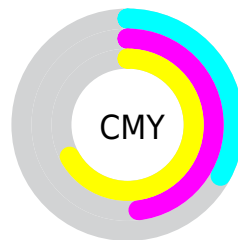
- Red (67%)
- Green (52%)
- Blue (33%)



- Red (59%)
- Yellow (67%)
- Blue (33%)



- Cyan (0%)
- Magenta (22%)
- Yellow (50%)
- Black (33%)



- Cyan (33%)
- Magenta (48%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6048, 25.9770, 12.2062 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 26.6048, 25.9770, 12.2062 by changing the saturation by 10% instead.

■ 26.6048, 25.9770,
12.2062

■ 26.6048, 25.9770,
12.2062

277.9411,
282.6692, 216.7918

■ 17.4117, 16.8064,
6.7600

■ 53.6734, 53.2378,
30.5401

■ 10.6256, 10.0966,
3.2363

■ 72.2796, 72.0969,
44.2649

■ 5.8811, 5.4630,
1.2165

■ 94.7543, 94.9543,
61.5863

■ 2.8129, 2.5214,
0.0000

■ 121.4627,
122.1943, 82.9229

■ 1.0556, 0.8873,
0.0000

■ 152.7702,
154.2014, 108.6932

■ 0.0000, 0.0000,
0.0000

189.0422,

191.3600, 139.3158

230.6440,
234.0544, 175.2091

■ 26.6048, 25.9770,
12.2062

■ 26.6048, 25.9770,
12.2062

■ 25.0315, 23.7844,
8.7407

■ 28.4131, 28.3798,
16.5511

■ 23.6778, 21.7905,
6.0902

■ 30.4664, 30.9960,
21.8303

■ 22.5297, 19.9883,
4.1842

■ 32.7766, 33.8337,
28.0962

■ 21.5696, 18.3683,
2.9390

■ 35.3539, 36.8990,
35.3965

■ 20.7612, 16.9134,
2.1704

■ 38.2082, 40.1980,
43.7762

■ 20.7611, 16.9132,
2.1703

■ 41.3485, 43.7364,
53.2772

■ 44.7837, 47.5196,
63.9395

■ 48.5220, 51.5529,
75.8010

■ 52.5715, 55.8414,
88.8977

Harmonies

Analogous

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



30.3053, 25.9770, 15.5911



26.6048, 25.9770, 12.2062



22.7416, 25.9770, 12.2656

Triad

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



26.6048, 25.9770, 12.2062



18.1657, 25.9770, 34.4156



30.4191, 25.9770, 46.0867

Complementary

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



26.6048, 25.9770, 12.2062



17.9613, 18.7519, 40.7029

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.



26.7474, 25.9770, 54.3315



26.6048, 25.9770, 12.2062



19.8157, 25.9770, 46.4809

Square

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



26.6048, 25.9770, 12.2062



18.1362, 25.9770, 23.2675



22.8700, 25.9770, 54.4922



32.6593, 25.9770, 33.9755

Rectangle

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



26.6048, 25.9770, 12.2062



20.5953, 25.9770, 14.1952



22.8700, 25.9770, 54.4922



29.2952, 25.9770, 49.5274

Sweetspot

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



26.6054, 25.9782, 12.2067



61.6189, 63.9647, 56.9999



23.4170, 16.4796, 20.7680



13.5306, 14.0129, 12.1177



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.6054, 25.9782, 12.2067



45.1307, 42.7431, 15.2656



31.6879, 37.4853, 14.1599



7.8694, 8.2188, 7.9609



15.3284, 12.5540, 1.6153



0.4224, 0.4044, 0.0558

Inverse Universe

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



17.9613, 18.7519, 40.7029



27.6430, 28.1436, 72.9772



14.6483, 11.5358, 39.4847



7.3903, 7.8176, 9.5378



7.1919, 5.8440, 28.7244



0.2262, 0.2447, 0.7160

Previews

White Background



This preview shows how the XYZ color 26.6048, 25.9770, 12.2062 looks on a white background.

Color Contrast Check

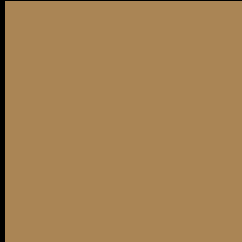
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6048, 25.9770, 12.2062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

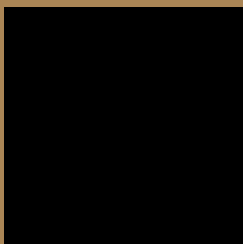
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6048, 25.9770, 12.2062

Background



This preview shows how black text looks on a background with the XYZ color 26.6048, 25.9770, 12.2062.



This preview shows how white text looks on a background with the XYZ color 26.6048, 25.9770,

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

26.6048, 25.9770, 12.2062

Protanopia

24.0884, 26.1361, 13.0077

Deuteranopia

26.3894, 25.8660, 12.1961



Tritanopia

29.7125, 26.0703, 26.7586

Trichromacy



Original Color

26.6048, 25.9770, 12.2062

Protanomaly

24.9640, 25.9504, 12.7100

Deuteranomaly

26.3894, 25.8660, 12.1961

Tritanomaly

28.2947, 25.8691, 20.3316

Monochromacy



Original Color

26.6048, 25.9770, 12.2062

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.8531, 25.7073, 21.1049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6048, 25.9770, 12.2062 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(170, 133, 85)` looks like.

```
.text, #text, p{  
    color:rgb(170, 133, 85)  
}
```

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(170, 133, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 133, 85) }
```

Border

The CSS property to change the border of an element to XYZ 26.6048, 25.9770, 12.2062 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(170, 133, 85) }
```


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

```
.border{ border-color:rgb(170, 133, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 133, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 133, 85); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 133, 85); box-shadow:4px 4px 4px 4px rgb(170, 133, 85) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6048, 25.9770, 12.2062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 133, 85) }
```

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

```
.background{ background-color: rgb(170,  
133, 85) }
```

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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