

Converting Colors

XYZ(26.2912, 20.1443, 10.7524)

Have a look what the booklet for
XYZ(26.2912, 20.1443, 10.7524)
contains.

| | |
|------------------------------------------------|----|
| XYZ(26.3682, 20.1780, 10.6886) | 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(26.3682, 20.1780,
10.6886)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BA6453 |
| RGB | 186, 100, 83 |
| RGB Percent | 73%, 39%, 33% |
| CMY | 0.2706, 0.6078, 0.6745 |
| CMYK | 0.00, 0.46, 0.55, 0.27 |
| HSL | 10°, 43%, 53% |
| HSV | 10°, 55%, 73% |
| XYZ | 26.3682, 20.1780, 10.6886 |
| YIQ | 123.7760, 56.7130, 12.9450 |

Conversions

Conversions Part 2

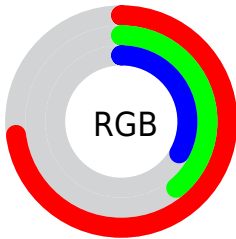
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 186, 103, 83 |
| Decimal | 12215379 |
| CIELab | 52.04, 32.83, 25.05 |
| CIELCh | 52, 41.296, 37.337 |
| Yxy | 20.1780, 0.4607, 0.3525 |
| Android (android.graphics.Color) | 4290405459 (0xFFBA6453) |
| YUV | 123.7760, -20.1026, 54.5704 |
| Hunter-Lab | 44.9199, 26.1704, 17.3360 |

Details

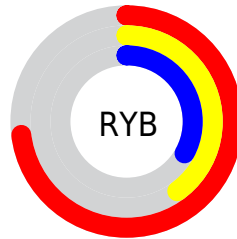
The XYZ color **26.3682, 20.1780, 10.6886** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.6172, 33.7582, 51.5672**, and the grayscale version is **19.1357, 20.1323, 21.9241**.

A 20% lighter version of the original color is **53.1181, 43.5624, 27.7991**, and **10.5869, 7.1747, 2.6606** is the 20% darker color. If you saturate the color by 10%, you get **24.3939, 17.2287, 6.9503**, and if you desaturate by 10%, it is **28.8200, 23.7743, 15.5368**.

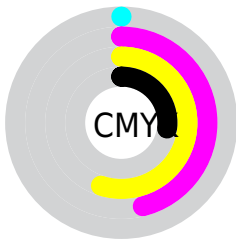
Distribution



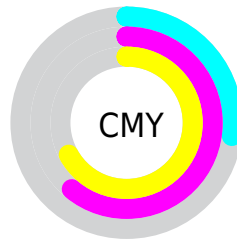
- Red (73%)
- Green (39%)
- Blue (33%)



- Red (73%)
- Yellow (40%)
- Blue (33%)



- Cyan (0%)
- Magenta (46%)
- Yellow (55%)
- Black (27%)





- Cyan (27%)
- Magenta (61%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3682, 20.1780, 10.6886 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 26.3682, 20.1780, 10.6886 by changing the saturation by 10% instead.


 26.3682, 20.1780,
10.6886


 26.3682, 20.1780,
10.6886


276.8086,
252.8771, 206.1787


 17.2334, 12.5245,
5.7463


 53.2954, 43.7154,
27.7107


 10.4974, 7.1019,
2.6252


 71.8186, 60.3681,
40.6276


 5.7947, 3.5259,
0.9054

 94.2019, 80.7893,
57.0397

 2.7601, 1.4121,
0.0000

 120.8108,
105.3635, 77.3657

 1.0282, 0.2256,
0.0000

 152.0105,
134.4749, 102.0240

 0.0000, 0.0000,
0.0000

188.1665,

168.5081, 131.4333

229.6440,
207.8474, 166.0120

■ 26.3682, 20.1780,
10.6886

■ 26.3682, 20.1780,
10.6886

■ 24.3939, 17.2287,
6.9503

■ 28.8200, 23.7743,
15.5368

■ 22.8637, 14.8845,
4.2322

■ 31.7769, 28.0498,
21.5726

■ 21.7420, 13.1036,
2.4325

■ 35.2658, 33.0385,
28.8682

■ 20.9863, 11.8371,
1.4257

■ 39.3116, 38.7709,
37.4896

■ 20.7320, 11.4038,
1.1085

■ 43.9373, 45.2759,
47.4981

■ 49.1647, 52.5810,
58.9512

■ 55.0147, 60.7120,
71.9034

■ 61.5067, 69.6938,
86.4060

■ 68.6597, 79.5501,
102.5081

Harmonies

Analogous

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



28.3884, 20.1780, 19.1384



26.3682, 20.1780, 10.6886



22.4727, 20.1780, 6.7614

Triad

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



26.3682, 20.1780, 10.6886



12.6318, 20.1780, 14.1880



20.2320, 20.1780, 53.9532

Complementary

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



26.3682, 20.1780, 10.6886



26.6172, 33.7582, 51.5672

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.



16.2232, 20.1780, 51.0903



26.3682, 20.1780, 10.6886



12.2132, 20.1780, 25.0688

Square

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



26.3682, 20.1780, 10.6886



14.6725, 20.1780, 8.2041



13.4313, 20.1780, 39.2614



24.5239, 20.1780, 46.0637

Rectangle

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



26.3682, 20.1780, 10.6886



19.5574, 20.1780, 5.9878



13.4313, 20.1780, 39.2614



18.8047, 20.1780, 54.2540

Sweetspot

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



26.3687, 20.1791, 10.6890



69.7778, 68.1885, 64.7840



30.6508, 19.5488, 40.4613



15.0312, 14.5424, 13.5502



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.3687, 20.1791, 10.6890



43.6840, 30.4228, 11.6254



32.7093, 32.8604, 12.8025



9.1212, 9.2454, 9.4107



13.9857, 7.7478, 0.7584



0.5305, 0.3481, 0.0392

Inverse Universe

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



26.6172, 33.7582, 51.5672



44.0944, 57.2727, 92.9321



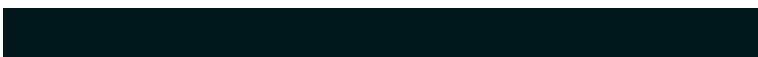
19.0331, 18.5899, 49.0392



9.1371, 9.9514, 11.5187



13.9279, 18.3155, 34.0542



0.5250, 0.7136, 1.2118

Previews

White Background



This preview shows how the XYZ color 26.3682, 20.1780, 10.6886 looks on a white background.

Color Contrast Check

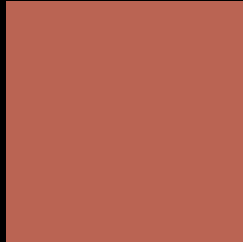
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3682, 20.1780, 10.6886 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 26.3682, 20.1780, 10.6886

Background



This preview shows how black text looks on a background with the XYZ color 26.3682, 20.1780, 10.6886.



This preview shows how white text looks on a background with the XYZ color 26.3682, 20.1780,

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

26.3682, 20.1780, 10.6886

Protanopia

18.8563, 20.1922, 13.2596

Deuteranopia

20.5858, 20.2422, 10.2193



Tritanopia

27.2669, 20.1137, 15.5419

Trichromacy



Original Color

26.3682, 20.1780, 10.6886

Protanomaly

20.8828, 19.6581, 12.1450

Deuteranomaly

22.3464, 19.9541, 10.2632

Tritanomaly

26.9725, 20.1447, 13.5330

Monochromacy



Original Color

26.3682, 20.1780, 10.6886

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.9237, 19.5686, 17.1423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3682, 20.1780, 10.6886 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(186, 100, 83)` looks like.

```
.text, #text, p{  
    color:rgb(186, 100, 83)  
}
```

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(186, 100, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 100, 83) }
```

Border

The CSS property to change the border of an element to XYZ 26.3682, 20.1780, 10.6886 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(186, 100, 83) }
```


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

```
.border{ border-color:rgb(186, 100, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 100, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 100, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 100, 83);  
box-shadow:4px 4px 4px 4px rgb(186, 100,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3682, 20.1780, 10.6886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 100, 83) }
```

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

```
.background{ background-color: rgb(186,  
100, 83) }
```

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