

Converting Colors

XYZ(26.5233, 20.4081, 10.6194)

Have a look what the booklet for
XYZ(26.5233, 20.4081, 10.6194)
contains.

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Color

**XYZ(26.4264, 20.3557,
10.5189)**

Conversions

Conversions Part 1

Format	Color
Hex	BA6552
RGB	186, 101, 82
RGB Percent	73%, 40%, 32%
CMY	0.2706, 0.6039, 0.6784
CMYK	0.00, 0.46, 0.56, 0.27
HSL	11°, 43%, 53%
HSV	11°, 56%, 73%
XYZ	26.4264, 20.3557, 10.5189
YIQ	124.2490, 56.7590, 12.1110

Conversions

Conversions Part 2

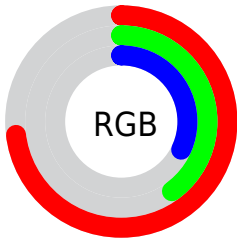
Format	Color
RYB	186, 105, 82
Decimal	12215634
CIELab	52.24, 32.21, 25.88
CIElCh	52, 41.323, 38.777
Yxy	20.3557, 0.4612, 0.3552
Android (android.graphics.Color)	4290405714 (0xFFBA6552)
YUV	124.2490, -20.8288, 54.1556
Hunter-Lab	45.1173, 25.5969, 17.7589

Details

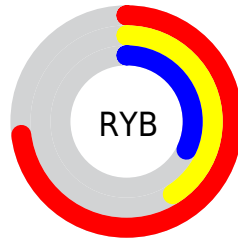
The XYZ color **26.4264, 20.3557, 10.5189** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.1605, 32.9747, 51.4401**, and the grayscale version is **19.2959, 20.3008, 22.1076**.

A 20% lighter version of the original color is **53.2123, 43.8609, 27.4912**, and **10.6152, 7.2567, 2.5915** is the 20% darker color. If you saturate the color by 10%, you get **24.4703, 17.4269, 6.8356**, and if you desaturate by 10%, it is **28.8483, 23.9094, 15.3042**.

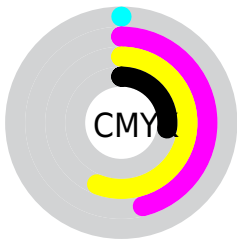
Distribution



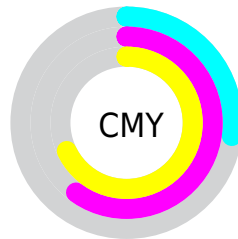
- Red (73%)
- Green (40%)
- Blue (32%)



- Red (73%)
- Yellow (41%)
- Blue (32%)



- Cyan (0%)
- Magenta (46%)
- Yellow (56%)
- Black (27%)





- Cyan (27%)
- Magenta (60%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4264, 20.3557, 10.5189 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 26.4264, 20.3557, 10.5189 by changing the saturation by 10% instead.


 26.4264, 20.3557,
10.5189


 26.4264, 20.3557,
10.5189


277.0875,
253.8343, 204.9540


 17.2773, 12.6539,
5.6343


 53.3885, 44.0127,
27.3900


 10.5289, 7.1906,
2.5588


 71.9321, 60.7367,
40.2134


 5.8160, 3.5816,
0.8711

 94.3379, 81.2369,
56.5203

 2.7731, 1.4424,
0.0000

 120.9713,
105.8977, 76.7291

 1.0349, 0.2477,
0.0000

 152.1976,
135.1034, 101.2583

 0.0000, 0.0000,
0.0000

188.3821,

169.2385, 130.5265

229.8903,
208.6873, 164.9522

■ 26.4264, 20.3557,
10.5189

■ 26.4264, 20.3557,
10.5189

■ 24.4703, 17.4269,
6.8356

■ 28.8483, 23.9094,
15.3042

■ 22.9476, 15.0832,
4.1645

■ 31.7627, 28.1182,
21.2694

■ 21.8237, 13.2853,
2.4032

■ 35.1957, 33.0143,
28.4867

■ 21.0569, 11.9869,
1.4222

■ 39.1713, 38.6267,
37.0220

■ 20.8213, 11.5825,
1.1382

■ 43.7119, 44.9828,
46.9366

■ 48.8387, 52.1086,
58.2882

■ 54.5716, 60.0287,
71.1308

■ 60.9299, 68.7666,
85.5159

■ 67.9318, 78.3450,
101.4924

Harmonies

Analogous

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



28.5774, 20.3557, 18.7878



26.4264, 20.3557, 10.5189



22.4521, 20.3557, 6.7436

Triad

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



26.4264, 20.3557, 10.5189



12.6980, 20.3557, 14.7392



20.6187, 20.3557, 54.1833

Complementary

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



26.4264, 20.3557, 10.5189



26.1605, 32.9747, 51.4401

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.



16.5431, 20.3557, 51.8400



26.4264, 20.3557, 10.5189



12.3556, 20.3557, 25.9220

Square

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



26.4264, 20.3557, 10.5189



14.6765, 20.3557, 8.4876



13.6611, 20.3557, 40.2439



24.9172, 20.3557, 45.8108

Rectangle

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



26.4264, 20.3557, 10.5189



19.5220, 20.3557, 6.0544



13.6611, 20.3557, 40.2439



19.1740, 20.3557, 54.6715

Sweetspot

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



26.4269, 20.3568, 10.5193



69.9552, 68.5433, 64.8431



30.3972, 19.3259, 39.5004



15.0738, 14.6274, 13.5644



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.



26.4269, 20.3568, 10.5193



43.6828, 30.5661, 11.1758



32.8930, 33.2890, 12.6746



9.1338, 9.2706, 9.4149



14.0488, 7.8739, 0.7794



0.5359, 0.3589, 0.0410

Inverse Universe

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



26.1605, 32.9747, 51.4401



43.0593, 55.5113, 92.6467



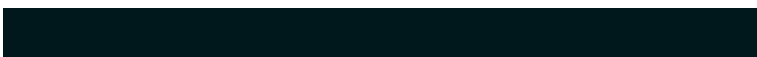
18.6653, 17.9842, 48.9417



9.1234, 9.9240, 11.5141



13.5682, 17.5961, 33.9343



0.5151, 0.6939, 1.2085

Previews

White Background



This preview shows how the XYZ color 26.4264, 20.3557, 10.5189 looks on a white background.

Color Contrast Check

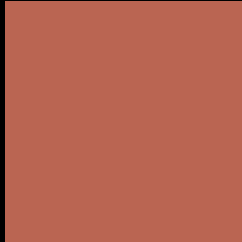
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4264, 20.3557, 10.5189 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 26.4264, 20.3557, 10.5189

Background



This preview shows how black text looks on a background with the XYZ color 26.4264, 20.3557, 10.5189.



This preview shows how white text looks on a background with the XYZ color 26.4264, 20.3557,

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

26.4264, 20.3557, 10.5189

Protanopia

19.0969, 20.5083, 13.0772

Deuteranopia

20.8903, 20.5768, 10.2678



Tritanopia

27.6565, 20.4467, 15.8535

Trichromacy



Original Color

26.4264, 20.3557, 10.5189

Protanomaly

21.1437, 19.9677, 11.9723

Deuteranomaly

22.6629, 20.2820, 10.3098

Tritanomaly

27.1130, 20.3515, 13.8085

Monochromacy



Original Color

26.4264, 20.3557, 10.5189

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

21.0383, 19.7980, 17.1805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4264, 20.3557, 10.5189 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, 101, 82)` looks like.

```
.text, #text, p{  
    color:rgb(186, 101, 82)  
}
```

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, 101, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 101, 82) }
```

Border

The CSS property to change the border of an element to XYZ 26.4264, 20.3557, 10.5189 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, 101, 82) }
```


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

```
.border{ border-color:rgb(186, 101, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 101, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 101, 82); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 101, 82); box-shadow:4px 4px 4px 4px rgb(186, 101, 82) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4264, 20.3557, 10.5189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 101, 82) }
```

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

```
.background{ background-color: rgb(186,  
101, 82) }
```

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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