

Converting Colors

XYZ(29.8195, 26.5788, 10.1961)

Have a look what the booklet for
XYZ(29.8195, 26.5788, 10.1961)
contains.

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Color

**XYZ(29.8456, 26.5056,
10.1997)**

Conversions

Conversions Part 1

Format	Color
Hex	BD7F4B
RGB	189, 127, 75
RGB Percent	74%, 50%, 29%
CMY	0.2588, 0.5019, 0.7059
CMYK	0.00, 0.33, 0.60, 0.26
HSL	27°, 46%, 52%
HSV	27°, 60%, 74%
XYZ	29.8456, 26.5056, 10.1997
YIQ	139.6100, 53.6440, -3.0280

Conversions

Conversions Part 2

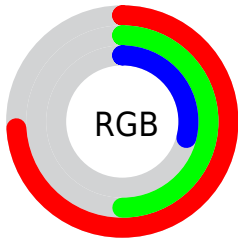
Format	Color
R_{YB}	189, 171, 75
Decimal	12418891
CIE _{Lab}	58.51, 18.67, 37.64
CIE _{LCh}	59, 42.015, 63.622
Yxy	26.5056, 0.4485, 0.3983
Android (android.graphics.Color)	4290608971 (0xFFBD7F4B)
YUV	139.6100, -31.8527, 43.3150
Hunter-Lab	51.4836, 13.3821, 24.2922

Details

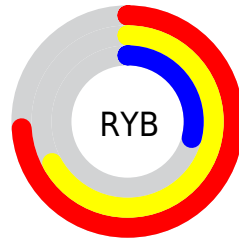
The XYZ color **29.8456, 26.5056, 10.1997** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.0320, 23.0600, 51.4862**, and the grayscale version is **24.8816, 26.1774, 28.5072**.

A 20% lighter version of the original color is **58.7343, 54.0796, 26.7448**, and **12.4497, 10.4382, 2.4572** is the 20% darker color. If you saturate the color by 10%, you get **28.0320, 23.7644, 6.8640**, and if you desaturate by 10%, it is **31.9881, 29.5972, 14.5934**.

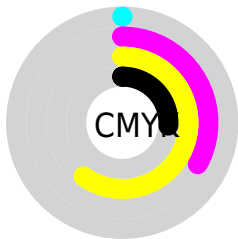
Distribution



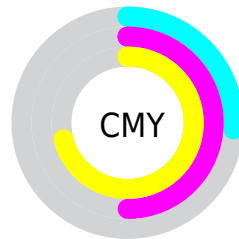
- Red (74%)
- Green (50%)
- Blue (29%)



- Red (74%)
- Yellow (67%)
- Blue (29%)



- Cyan (0%)
- Magenta (33%)
- Yellow (60%)
- Black (26%)





- Cyan (26%)
- Magenta (50%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.8456, 26.5056, 10.1997 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 29.8456, 26.5056, 10.1997 by changing the saturation by 10% instead.


 29.8456, 26.5056,
10.1997


 29.8456, 26.5056,
10.1997


293.1069,
285.2553, 202.6278


 19.8689, 17.2023,
5.4242


 58.8062, 54.0895,
26.7841

 12.4075, 10.3788,
2.4352


 78.5209, 73.1388,
39.4301

 7.0960, 5.6508,
0.8055


 102.2122, 96.2056,
55.5368

 3.5691, 2.6340,
0.0000

 130.2456,
123.6743, 75.5225

 1.4614, 0.9438,
0.0000

 162.9864,
155.9292, 99.8060

 0.2993, 0.0000,
0.0000

200.8000,

 0.0000, 0.0000,

193.3547, 128.8056

0.0000

244.0517,
236.3353, 162.9401

■ 29.8456, 26.5056,
10.1997

■ 29.8456, 26.5056,
10.1997

■ 28.0320, 23.7644,
6.8640

■ 31.9881, 29.5972,
14.5934

■ 26.5237, 21.3545,
4.4908

■ 34.4768, 33.0491,
20.1263

■ 25.2963, 19.2604,
2.9697

■ 37.3301, 36.8756,
26.8731

■ 24.3313, 17.5092,
2.0972

■ 40.5641, 41.0890,
34.9017

■ 44.1940, 45.7008,
44.2752

■ 48.2341, 50.7220,
55.0522

■ 52.6978, 56.1633,
67.2879

■ 57.5982, 62.0347,
81.0344

■ 62.9473, 68.3461,
96.3416

Harmonies

Analogous

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



34.3548, 26.5056, 15.8497



29.8456, 26.5056, 10.1997



24.5734, 26.5056, 8.8215

Triad

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



29.8456, 26.5056, 10.1997



16.5580, 26.5056, 30.6859



31.0732, 26.5056, 59.4417

Complementary

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



29.8456, 26.5056, 10.1997



21.0320, 23.0600, 51.4862

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.



25.8225, 26.5056, 67.3444



29.8456, 26.5056, 10.1997



17.8243, 26.5056, 47.5485

Square

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



29.8456, 26.5056, 10.1997



17.3330, 26.5056, 18.0194



21.0505, 26.5056, 62.3844



35.1286, 26.5056, 43.3565

Rectangle

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



29.8456, 26.5056, 10.1997



21.4352, 26.5056, 9.9147



21.0505, 26.5056, 62.3844



29.3656, 26.5056, 63.3517

Sweetspot

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



29.8462, 26.5069, 10.2002



73.9115, 75.2082, 65.7167



28.0680, 17.6774, 25.8639



15.5068, 15.6754, 13.1477



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.



29.8462, 26.5069, 10.2002



49.3859, 41.2794, 10.9211



39.2514, 45.3173, 13.3353



9.8790, 10.2340, 10.0313



16.4455, 11.9299, 1.4359



0.7096, 0.5981, 0.0780

Inverse Universe

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



21.0320, 23.0600, 51.4862



32.2192, 34.5214, 91.1914



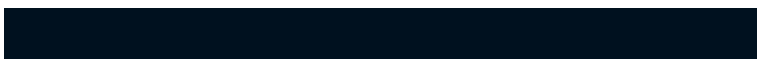
15.0073, 11.0106, 49.4780



9.4348, 10.0618, 12.1171



9.5061, 9.1240, 33.6530



0.4370, 0.4867, 1.3398

Previews

White Background



This preview shows how the XYZ color 29.8456, 26.5056, 10.1997 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 29.8456, 26.5056, 10.1997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

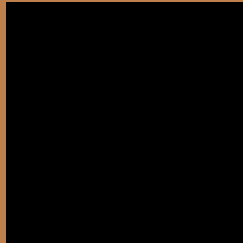
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.8456, 26.5056, 10.1997

Background



This preview shows how black text looks on a background with the XYZ color 29.8456, 26.5056, 10.1997.



This preview shows how white text looks on a background with the XYZ color 29.8456, 26.5056,

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

29.8456, 26.5056, 10.1997

Protanopia

24.4904, 26.5975, 11.4325

Deuteranopia

26.9613, 26.4155, 9.9810



Tritanopia

32.8590, 26.6239, 24.5262

Trichromacy



Original Color

29.8456, 26.5056, 10.1997

Protanomaly

26.1157, 26.3739, 10.9219

Deuteranomaly

27.9427, 26.3107, 10.0843

Tritanomaly

31.6357, 26.4982, 18.1991

Monochromacy



Original Color

29.8456, 26.5056, 10.1997

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.9169, 25.8580, 20.1481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8456, 26.5056, 10.1997 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(189, 127, 75)` looks like.

```
.text, #text, p{  
    color:rgb(189, 127, 75)  
}
```

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(189, 127, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 127, 75) }
```

Border

The CSS property to change the border of an element to XYZ 29.8456, 26.5056, 10.1997 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(189, 127, 75) }
```


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

```
.border{ border-color:rgb(189, 127, 75) }
```

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

Here you see how a box with a 4 pixel rgb(189, 127, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 127, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 127, 75);  
box-shadow:4px 4px 4px 4px rgb(189, 127,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8456, 26.5056, 10.1997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 127, 75) }
```

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

```
.background{ background-color: rgb(189,  
127, 75) }
```

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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