

Converting Colors

XYZ(26.7243, 21.6270, 13.3639)

Have a look what the booklet for
XYZ(26.7243, 21.6270, 13.3639)
contains.

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Color

**XYZ(26.7804, 21.6905,
13.3649)**

Conversions

Conversions Part 1

Format	Color
Hex	B66D5E
RGB	182, 109, 94
RGB Percent	71%, 43%, 37%
CMY	0.2863, 0.5725, 0.6314
CMYK	0.00, 0.40, 0.48, 0.29
HSL	10°, 38%, 54%
HSV	10°, 48%, 71%
XYZ	26.7804, 21.6905, 13.3649
YIQ	129.1170, 48.3230, 10.8110

Conversions

Conversions Part 2

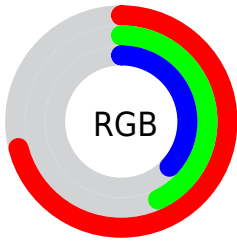
Format	Color
R _Y B	182, 112, 94
Decimal	11955550
CIE Lab	53.70, 27.37, 20.77
CIE LCh	54, 34.361, 37.194
Yxy	21.6905, 0.4331, 0.3508
Android (android.graphics.Color)	4290145630 (0xFFB66D5E)
YUV	129.1170, -17.3127, 46.3784
Hunter-Lab	46.5731, 21.1381, 15.5869

Details

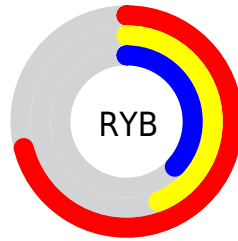
The XYZ color **26.7804, 21.6905, 13.3649** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.8776, 33.3929, 49.2847**, and the grayscale version is **20.9547, 22.0460, 24.0080**.

A 20% lighter version of the original color is **53.7141, 46.0286, 32.4389**, and **10.7535, 7.8807, 3.7507** is the 20% darker color. If you saturate the color by 10%, you get **24.5835, 18.4532, 9.0674**, and if you desaturate by 10%, it is **29.4476, 25.5603, 18.7695**.

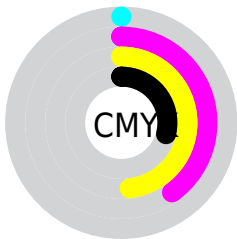
Distribution



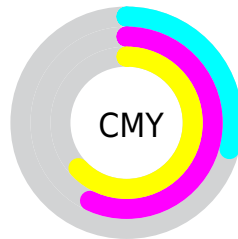
- Red (71%)
- Green (43%)
- Blue (37%)



- Red (71%)
- Yellow (44%)
- Blue (37%)



- Cyan (0%)
- Magenta (40%)
- Yellow (48%)
- Black (29%)





- Cyan (29%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7804, 21.6905, 13.3649 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 26.7804, 21.6905, 13.3649 by changing the saturation by 10% instead.

 26.7804, 21.6905,
13.3649


 26.7804, 21.6905,
13.3649


278.7793,
260.9257, 224.5325


 17.5441, 13.6297,
7.5466


 53.9537, 46.2339,
32.6585

 10.7209, 7.8635,
3.7227


 72.6213, 63.4853,
46.9710

 5.9454, 4.0078,
1.4745


 95.1635, 84.5690,
64.9519

 2.8522, 1.6779,
0.1988

 121.9455,
109.8694, 87.0199

 1.0761, 0.4093,
0.0000

153.3327,
139.7708, 113.5934

 0.0050, 0.0000,
0.0000

189.6905,

 0.0000, 0.0000,

174.6578, 145.0909

0.0000

231.3843,
214.9146, 181.9312

■ 26.7804, 21.6905,
13.3649

■ 26.7804, 21.6905,
13.3649

■ 24.5835, 18.4532,
9.0674

■ 29.4476, 25.5603,
18.7695

■ 22.8273, 15.8113,
5.7987

■ 32.6090, 30.0904,
25.3498

■ 21.4816, 13.7289,
3.4722


■ 36.2888, 35.3111,
33.1701

■ 20.5110, 12.1647,
1.9863


■ 40.5091, 41.2499,
42.2898


■ 19.8662, 11.0685,
1.1755

■ 45.2907, 47.9324,
52.7642

 19.7821, 10.9267,
1.0664

 50.6533, 55.3835,
64.6459

 56.6157, 63.6264,
77.9841

 63.1958, 72.6836,
92.8261

 69.9563, 82.3951,
106.8245

Harmonies

Analogous

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



28.4612, 21.6905, 21.1698



26.7804, 21.6905, 13.3649



23.4815, 21.6905, 9.4316

Triad

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



26.7804, 21.6905, 13.3649



14.7584, 21.6905, 16.6026



21.5149, 21.6905, 49.9592

Complementary

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



26.7804, 21.6905, 13.3649



26.8776, 33.3929, 49.2847

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.



17.9939, 21.6905, 47.6487



26.7804, 21.6905, 13.3649



14.3640, 21.6905, 26.2465

Square

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



26.7804, 21.6905, 13.3649



16.6286, 21.6905, 10.8755



15.4788, 21.6905, 38.1039



25.1951, 21.6905, 43.7113

Rectangle

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



26.7804, 21.6905, 13.3649



20.9644, 21.6905, 8.6109



15.4788, 21.6905, 38.1039



20.2718, 21.6905, 50.1824

Sweetspot

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



26.7809, 21.6916, 13.3653



68.0547, 67.2124, 65.0016



30.3000, 20.7530, 39.1297



14.6896, 14.3634, 13.6222



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.7809, 21.6916, 13.3653



44.3461, 33.1224, 16.0121



32.6485, 33.4268, 15.3212



9.1251, 9.2531, 9.4120



14.0044, 7.7852, 0.7646



0.5322, 0.3514, 0.0398

Inverse Universe

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



26.8776, 33.3929, 49.2847



44.4898, 56.7502, 88.8447



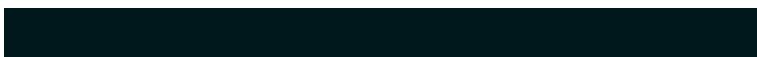
20.1841, 20.0060, 47.0535



9.1329, 9.9430, 11.5173



13.8167, 18.0930, 34.0172



0.5219, 0.7075, 1.2108

Previews

White Background



This preview shows how the XYZ color 26.7804, 21.6905, 13.3649 looks on a white background.

Color Contrast Check

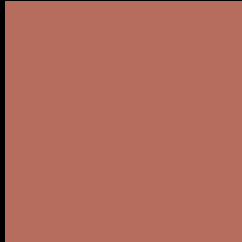
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7804, 21.6905, 13.3649 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 26.7804, 21.6905, 13.3649

Background



This preview shows how black text looks on a background with the XYZ color 26.7804, 21.6905, 13.3649.



This preview shows how white text looks on a background with the XYZ color 26.7804, 21.6905,

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

26.7804, 21.6905, 13.3649

Protanopia

20.6150, 21.9982, 15.9915

Deuteranopia

22.1082, 21.6936, 12.9196



Tritanopia

27.9585, 21.7133, 18.6371

Trichromacy



Original Color

26.7804, 21.6905, 13.3649

Protanomaly

22.3967, 21.6115, 15.0476

Deuteranomaly

23.7200, 21.6221, 13.0485

Tritanomaly

27.4400, 21.6442, 16.6414

Monochromacy



Original Color

26.7804, 21.6905, 13.3649

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.3247, 21.4759, 19.4916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7804, 21.6905, 13.3649 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(182, 109, 94)` looks like.

```
.text, #text, p{  
    color:rgb(182, 109, 94)  
}
```

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(182, 109, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 109, 94) }
```

Border

The CSS property to change the border of an element to XYZ 26.7804, 21.6905, 13.3649 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(182, 109, 94) }
```


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

```
.border{ border-color:rgb(182, 109, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 109, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 109, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 109, 94);  
box-shadow:4px 4px 4px 4px rgb(182, 109,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7804, 21.6905, 13.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 109, 94) }
```

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

```
.background{ background-color: rgb(182,  
109, 94) }
```

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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