

# Converting Colors

XYZ(26.7011, 18.2753, 10.4834)

Have a look what the booklet for  
XYZ(26.7011, 18.2753, 10.4834)  
contains.

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# Color

**XYZ(26.7629, 18.3182,  
10.5127)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C15454
RGB	193, 84, 84
RGB Percent	76%, 33%, 33%
CMY	0.2431, 0.6706, 0.6706
CMYK	0.00, 0.56, 0.56, 0.24
HSL	0°, 47%, 54%
HSV	0°, 56%, 76%
XYZ	26.7629, 18.3182, 10.5127
YIQ	116.5910, 64.9640, 23.1080

# Conversions

## Conversions Part 2

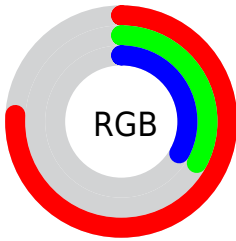
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 84, 84
Decimal	12670036
CIELab	49.88, 43.75, 21.83
CIElCh	50, 48.900, 26.520
Yxy	18.3182, 0.4814, 0.3295
Android (android.graphics.Color)	4290860116 (0xFFC15454)
YUV	116.5910, -16.0674, 67.0107
Hunter-Lab	42.7998, 36.7173, 15.3967

# Details

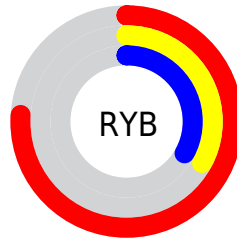
The XYZ color **26.7629, 18.3182, 10.5127** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **32.3504, 43.8723, 57.2151**, and the grayscale version is **16.8167, 17.6925, 19.2671**.

A 20% lighter version of the original color is **54.1218, 40.6834, 27.5544**, and **10.6620, 6.1434, 2.5433** is the 20% darker color. If you saturate the color by 10%, you get **24.8113, 15.4627, 6.6326**, and if you desaturate by 10%, it is **29.3362, 22.0841, 15.6277**.

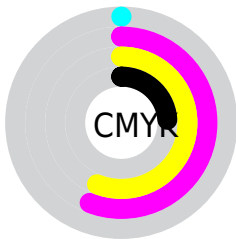
# Distribution



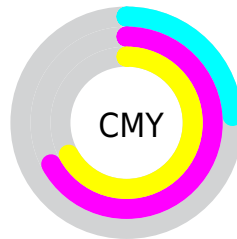
- Red (76%)
- Green (33%)
- Blue (33%)



- Red (76%)
- Yellow (33%)
- Blue (33%)



- Cyan (0%)
- Magenta (56%)
- Yellow (56%)
- Black (24%)




- Cyan (24%)
- Magenta (67%)
- Yellow (67%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7629, 18.3182, 10.5127 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 26.7629, 18.3182, 10.5127 by changing the saturation by 10% instead.





 26.7629, 18.3182,  
10.5127


 26.7629, 18.3182,  
10.5127


278.6958,  
242.6585, 204.9091


 17.5309, 11.1787,  
5.6302


 53.9257, 40.5788,  
27.3782


 10.7114, 6.1871,  
2.5564


 72.5873, 56.4686,  
40.1983


 5.9390, 2.9592,  
0.8698


 95.1227, 76.0441,  
56.5013

 2.8483, 1.1105,  
0.0000

 121.8974, 99.6895,  
76.7058

 1.0741, 0.0000,  
0.0000

 153.2767,  
127.7892, 101.2302

 0.0032, 0.0000,  
0.0000

189.6260,

 0.0000, 0.0000,

160.7277, 130.4933

0.0000

231.3106,  
198.8893, 164.9134

■ 26.7629, 18.3182,  
10.5127

■ 26.7629, 18.3182,  
10.5127

■ 24.8113, 15.4627,  
6.6326

■ 29.3362, 22.0841,  
15.6277

■ 23.4277, 13.4381,  
3.8823

■ 32.5764, 26.8255,  
22.0689

■ 22.5517, 12.1561,  
2.1410

■ 36.5259, 32.6047,  
29.9203

■ 22.1034, 11.5002,  
1.2501

■ 41.2232, 39.4782,  
39.2584

■ 21.9924, 11.3376,  
1.0293

■ 46.7042, 47.4984,  
50.1544

■ 53.0023, 56.7143,  
62.6749

■ 60.1491, 67.1719,  
76.8825

■ 68.1743, 78.9151,  
92.8367

■ 75.8023, 90.0774,  
107.9992

# Harmonies

## Analogous

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



28.0205, 18.3182, 21.5503



26.7629, 18.3182, 10.5127



22.8590, 18.3182, 5.2512

# Triad

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



26.7629, 18.3182, 10.5127



10.9346, 18.3182, 8.8426



16.8706, 18.3182, 58.2894

# Complementary

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



26.7629, 18.3182, 10.5127



32.3504, 43.8723, 57.2151

# 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.



12.9055, 18.3182, 50.0696



26.7629, 18.3182, 10.5127



9.8876, 18.3182, 18.4222

# Square

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



26.7629, 18.3182, 10.5127



13.6956, 18.3182, 4.6347



10.5391, 18.3182, 33.8001



21.7438, 18.3182, 53.0138



# Rectangle

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



26.7629, 18.3182, 10.5127



19.5929, 18.3182, 3.9189



10.5391, 18.3182, 33.8001



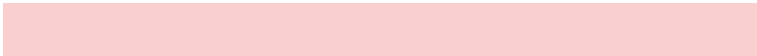
15.3972, 18.3182, 56.9464

# Sweetspot

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



26.7633, 18.3192, 10.5130



73.1166, 69.6600, 68.8912



34.7882, 21.5284, 52.7738



15.3019, 14.3825, 14.0160



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138



# Same Dimension

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



26.7633, 18.3192, 10.5130



43.7023, 26.6182, 10.4177



32.7529, 30.2984, 12.5095



10.0733, 10.0780, 10.4762



14.6276, 7.5409, 0.6846



0.6320, 0.3259, 0.0296



# Inverse Universe

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



32.3504, 43.8723, 57.2151



54.6969, 76.9033, 102.3213



22.4422, 24.0559, 53.9124



10.3685, 11.4284, 12.9442



19.0845, 27.9254, 37.9409



0.8246, 1.2066, 1.6393



# Previews

## White Background



This preview shows how the XYZ color 26.7629, 18.3182, 10.5127 looks on a white 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



# Black Background



This preview shows how the XYZ color 26.7629, 18.3182, 10.5127 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 26.7629, 18.3182, 10.5127**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.7629, 18.3182, 10.5127.



This preview shows how white text looks on a background with the XYZ color 26.7629, 18.3182,



# 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

26.7629, 18.3182, 10.5127

### Protanopia

17.5013, 18.5494, 14.7146

### Deuteranopia

18.7563, 18.4388, 9.9676



## Tritanopia

26.8887, 18.2452, 11.5557

# Trichromacy



## Original Color

26.7629, 18.3182, 10.5127

## Protanomaly

19.7521, 17.6003, 12.9458

## Deuteranomaly

21.0334, 17.8716, 10.1256

## Tritanomaly

26.8059, 18.2121, 11.1193

# Monochromacy



## Original Color

26.7629, 18.3182, 10.5127

## Achromatopsia

16.9083, 17.7888, 19.3720

## Achromatomaly

19.2784, 17.1428, 15.6574

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.7629, 18.3182, 10.5127 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(193, 84, 84)` looks like.

```
.text, #text, p{  
    color:rgb(193, 84, 84)  
}
```

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(193, 84, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 84, 84) }
```

## Border

The CSS property to change the border of an element to XYZ 26.7629, 18.3182, 10.5127 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(193, 84, 84) }
```



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

```
.border{ border-color:rgb(193, 84, 84) }
```

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

Here you see how a box with a 4 pixel rgb(193, 84, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 84, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 84, 84);  
box-shadow:4px 4px 4px 4px rgb(193, 84,  
84) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.7629, 18.3182, 10.5127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 84, 84) }
```

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

```
.background{ background-color: rgb(193, 84,  
84) }
```

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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