

Converting Colors

XYZ(26.5640, 16.8814, 4.7641)

Have a look what the booklet for
XYZ(26.5640, 16.8814, 4.7641)
contains.

XYZ(26.5640, 16.8814, 4.7641)	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(26.5640, 16.8814,
4.7641)**

Conversions

Conversions Part 1

Format	Color
Hex	C84631
RGB	200, 70, 49
RGB Percent	78%, 27%, 19%
CMY	0.2157, 0.7255, 0.8078
CMYK	0.00, 0.65, 0.75, 0.22
HSL	8°, 61%, 49%
HSV	8°, 75%, 78%
XYZ	26.5640, 16.8814, 4.7641
YIQ	106.4760, 84.2210, 21.0290

Conversions

Conversions Part 2

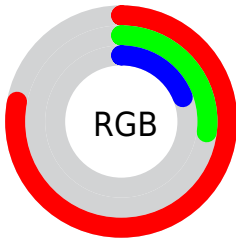
Format	Color
R_{YB}	200, 73, 49
Decimal	13125169
CIE _{Lab}	48.11, 50.57, 40.06
CIE _{LCh}	48, 64.513, 38.386
Yxy	16.8814, 0.5510, 0.3502
Android (android.graphics.Color)	4291315249 (0xFFC84631)
YUV	106.4760, -28.3357, 82.0205
Hunter-Lab	41.0870, 43.5035, 21.8861

Details

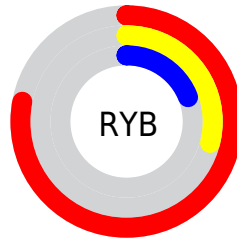
The XYZ color **26.5640, 16.8814, 4.7641** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **27.8106, 37.0604, 60.3310**, and the grayscale version is **13.8905, 14.6139, 15.9145**.

A 20% lighter version of the original color is **50.6053, 36.5384, 15.6947**, and **10.5194, 5.4533, 0.5843** is the 20% darker color. If you saturate the color by 10%, you get **25.3047, 14.8952, 2.7038**, and if you desaturate by 10%, it is **28.3200, 19.5620, 7.9136**.

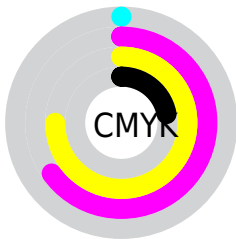
Distribution



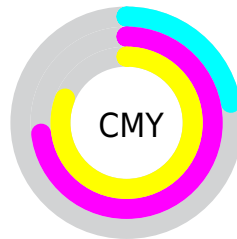
- Red (78%)
- Green (27%)
- Blue (19%)



- Red (78%)
- Yellow (29%)
- Blue (19%)



- Cyan (0%)
- Magenta (65%)
- Yellow (75%)
- Black (22%)





- Cyan (22%)
- Magenta (73%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5640, 16.8814, 4.7641 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 26.5640, 16.8814, 4.7641 by changing the saturation by 10% instead.

 26.5640, 16.8814,
4.7641

 26.5640, 16.8814,
4.7641


277.7460,
234.4880, 156.3734


 17.3809, 10.1500,
2.0532


 53.6083, 38.1217,
15.7368

 10.6034, 5.4985,
0.5877


 72.2002, 53.3995,
24.8358

 5.8662, 2.5426,
0.0000

 94.6591, 72.2947,
36.9011

 2.8038, 0.8979,
0.0000

 121.3504, 95.1919,
52.3515

 1.0509, 0.0000,
0.0000

 152.6393,
122.4754, 71.6053

 0.0000, 0.0000,
0.0000

 188.8914,

154.5297, 95.0813

230.4718,
191.7391, 123.1978

■ 26.5640, 16.8814,
4.7641

■ 26.5640, 16.8814,
4.7641

■ 25.3047, 14.8952,
2.7038

■ 28.3200, 19.5620,
7.9136

■ 24.4867, 13.5351,
1.5804

■ 30.6176, 22.9907,
12.2753

■ 24.2304, 13.1015,
1.2518

■ 33.4976, 27.2193,
17.9566

■ 36.9968, 32.2943,
25.0527

■ 41.1488, 38.2584,
33.6500

■ 45.9846, 45.1514,
43.8280

■ 51.5334, 53.0108,
55.6606

■ 57.8227, 61.8720,
69.2170

■ 64.8783, 71.7686,
84.5625

Harmonies

Analogous

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



29.9281, 16.8814, 14.0754



26.5640, 16.8814, 4.7641



20.5508, 16.8814, 1.7589

Triad

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



26.5640, 16.8814, 4.7641



7.7013, 16.8814, 8.8921



17.7406, 16.8814, 72.1429

Complementary

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



26.5640, 16.8814, 4.7641



27.8106, 37.0604, 60.3310

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.



12.2517, 16.8814, 67.4731



26.5640, 16.8814, 4.7641



7.2978, 16.8814, 23.4856

Square

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



26.5640, 16.8814, 4.7641



10.0299, 16.8814, 2.9350



8.7503, 16.8814, 46.4834



24.0838, 16.8814, 56.9087

Rectangle

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



26.5640, 16.8814, 4.7641



16.3638, 16.8814, 1.3289



8.7503, 16.8814, 46.4834



15.7308, 16.8814, 72.9705

Sweetspot

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



26.5644, 16.8824, 4.7644



72.9578, 68.6897, 61.8468



33.1423, 17.7659, 44.7911



15.0032, 13.8260, 11.9574



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.5644, 16.8824, 4.7644



42.7714, 24.0762, 3.2009



34.4432, 32.6400, 7.3906



10.7509, 10.8710, 11.0944



15.4458, 8.4088, 0.8090



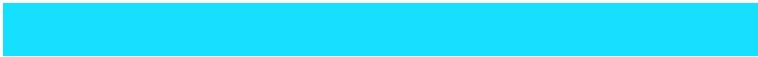
0.7710, 0.4775, 0.0515

Inverse Universe

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



27.8106, 37.0604, 60.3310



44.7144, 60.0260, 103.8372



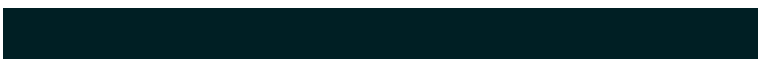
16.6793, 14.7978, 56.6205



10.8161, 11.8062, 13.6262



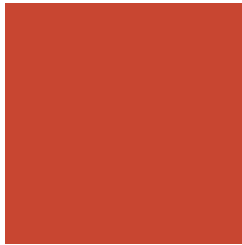
16.0795, 21.5529, 38.0570



0.7969, 1.0917, 1.8139

Previews

White Background



This preview shows how the XYZ color 26.5640, 16.8814, 4.7641 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 26.5640, 16.8814, 4.7641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

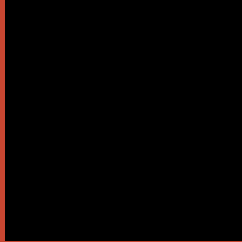
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.5640, 16.8814, 4.7641

Background



This preview shows how black text looks on a background with the XYZ color 26.5640, 16.8814, 4.7641.



This preview shows how white text looks on a background with the XYZ color 26.5640, 16.8814,

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

26.5640, 16.8814, 4.7641

Protanopia

15.6321, 17.0560, 7.1709

Deuteranopia

17.3532, 17.0198, 4.3780



Tritanopia

27.2319, 16.8867, 7.7854

Trichromacy



Original Color

26.5640, 16.8814, 4.7641

Protanomaly

18.3624, 16.0015, 6.1238

Deuteranomaly

19.8381, 16.2513, 4.3767

Tritanomaly

27.0517, 16.9106, 6.5409

Monochromacy



Original Color

26.5640, 16.8814, 4.7641

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

16.3693, 14.0600, 10.4454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5640, 16.8814, 4.7641 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(200, 70, 49)` looks like.

```
.text, #text, p{  
    color:rgb(200, 70, 49)  
}
```

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(200, 70, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 70, 49) }
```

Border

The CSS property to change the border of an element to XYZ 26.5640, 16.8814, 4.7641 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(200, 70, 49) }
```


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

```
.border{ border-color:rgb(200, 70, 49) }
```

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

Here you see how a box with a 4 pixel rgb(200, 70, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 70, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 70, 49);  
box-shadow:4px 4px 4px 4px rgb(200, 70,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5640, 16.8814, 4.7641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 70, 49) }
```

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

```
.background{ background-color: rgb(200, 70,  
49) }
```

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