

Converting Colors

XYZ(26.7650, 15.4596, 4.5185)

Have a look what the booklet for
XYZ(26.7650, 15.4596, 4.5185)
contains.

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Color

**XYZ(26.9150, 15.5685,
4.4922)**

Conversions

Conversions Part 1

Format	Color
Hex	CD3331
RGB	205, 51, 49
RGB Percent	80%, 20%, 19%
CMY	0.1961, 0.8000, 0.8078
CMYK	0.00, 0.75, 0.76, 0.20
HSL	1°, 61%, 50%
HSV	1°, 76%, 80%
XYZ	26.9150, 15.5685, 4.4922
YIQ	96.8180, 92.4260, 32.0260

Conversions

Conversions Part 2

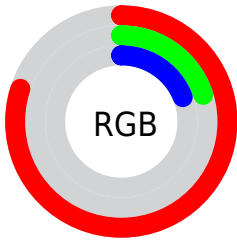
Format	Color
R _Y B	205, 51, 49
Decimal	13447985
CIE Lab	46.40, 59.36, 38.48
CIE LCh	46, 70.743, 32.956
Yxy	15.5685, 0.5730, 0.3314
Android (android.graphics.Color)	4291638065 (0xFFCD3331)
YUV	96.8180, -23.5743, 94.8756
Hunter-Lab	39.4569, 52.7116, 20.8696

Details

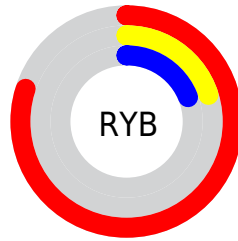
The XYZ color **26.9150, 15.5685, 4.4922** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **33.6393, 47.7672, 65.2041**, and the grayscale version is **11.3588, 11.9504, 13.0140**.

A 20% lighter version of the original color is **48.8200, 33.0418, 14.8709**, and **11.1772, 5.7595, 0.6375** is the 20% darker color. If you saturate the color by 10%, you get **25.8764, 14.0336, 2.4752**, and if you desaturate by 10%, it is **28.5354, 17.9529, 7.6734**.

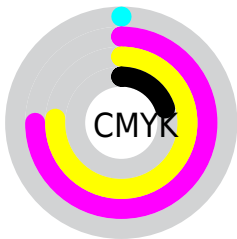
Distribution



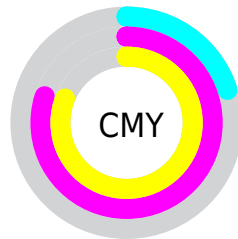
- Red (80%)
- Green (20%)
- Blue (19%)



- Red (80%)
- Yellow (20%)
- Blue (19%)



- Cyan (0%)
- Magenta (75%)
- Yellow (76%)
- Black (20%)





- Cyan (20%)
- Magenta (80%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9150, 15.5685, 4.4922 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 26.9150, 15.5685, 4.4922 by changing the saturation by 10% instead.


 26.9150, 15.5685,
4.4922


 26.9150, 15.5685,
4.4922


279.4204,
226.7819, 153.5484


 17.6457, 9.2193,
1.8991


 54.1683, 35.8475,
15.1299


 10.7940, 4.8845,
0.4921


 72.8829, 50.5460,
24.0115


 5.9948, 2.1797,
0.0000


 95.4767, 68.7966,
35.8264

 2.8825, 0.7089,
0.0000

 122.3150, 90.9834,
50.9931

 1.0920, 0.0000,
0.0000

 153.7632,
117.4910, 69.9301

 0.0184, 0.0000,
0.0000

 190.1866,

 0.0000, 0.0000,

148.7036, 93.0559

0.0000

231.9505,
185.0058, 120.7892

■ 26.9150, 15.5685,
4.4922

■ 26.9150, 15.5685,
4.4922

■ 25.8764, 14.0336,
2.4752

■ 28.5354, 17.9529,
7.6734

■ 25.3349, 13.2255,
1.4472

■ 30.8046, 21.2822,
12.1573

■ 25.2053, 13.0364,
1.1878

■ 33.7816, 25.6421,
18.0641

■ 37.5185, 31.1079,
25.4999

■ 42.0624, 37.7479,
34.5609

■ 47.4567, 45.6250,
45.3352

■ 53.7418, 54.7974,
57.9048

■ 60.9553, 65.3199,
72.3463

■ 69.1327, 77.2439,
88.7318

Harmonies

Analogous

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



29.7878, 15.5685, 15.2850



26.9150, 15.5685, 4.4922



20.7660, 15.5685, 1.2062

Triad

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



26.9150, 15.5685, 4.4922



6.6444, 15.5685, 5.8405



15.4077, 15.5685, 77.0702

Complementary

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



26.9150, 15.5685, 4.4922



33.6393, 47.7672, 65.2041

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.



10.0984, 15.5685, 67.5772



26.9150, 15.5685, 4.4922



5.9320, 15.5685, 18.7349

Square

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



26.9150, 15.5685, 4.4922



9.3115, 15.5685, 1.5272



7.0037, 15.5685, 42.4229



22.1007, 15.5685, 63.3341

Rectangle

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



26.9150, 15.5685, 4.4922



16.2758, 15.5685, 0.6849



7.0037, 15.5685, 42.4229



13.4113, 15.5685, 76.5011

Sweetspot

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



26.9153, 15.5694, 4.4924



71.2340, 65.2421, 61.2722



37.2943, 19.5835, 59.5715



14.5998, 13.0192, 11.8229



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.



26.9153, 15.5694, 4.4924



41.7622, 22.0578, 2.8645



33.3204, 28.3795, 6.6274



11.2237, 11.2364, 11.6567



15.6967, 8.1264, 0.7412



0.8139, 0.4275, 0.0396

Inverse Universe

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



33.6393, 47.7672, 65.2041



53.2155, 77.0282, 106.6709



19.8754, 20.2395, 60.6162



11.5304, 12.7013, 14.4142



20.0665, 29.1569, 40.5265



1.0393, 1.5123, 2.0921

Previews

White Background



This preview shows how the XYZ color 26.9150, 15.5685, 4.4922 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 26.9150, 15.5685, 4.4922 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 26.9150, 15.5685, 4.4922

Background



This preview shows how black text looks on a background with the XYZ color 26.9150, 15.5685, 4.4922.



This preview shows how white text looks on a background with the XYZ color 26.9150, 15.5685,

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

26.9150, 15.5685, 4.4922

Protanopia

14.6130, 15.8512, 7.7582

Deuteranopia

15.8827, 15.6464, 4.0167



Tritanopia

26.9805, 15.5947, 4.8369

Trichromacy



Original Color

26.9150, 15.5685, 4.4922

Protanomaly

17.3636, 14.1571, 6.2323

Deuteranomaly

18.5667, 14.3455, 3.9809

Tritanomaly

26.9582, 15.5858, 4.7195

Monochromacy



Original Color

26.9150, 15.5685, 4.4922

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

14.4700, 11.5507, 9.0563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9150, 15.5685, 4.4922 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(205, 51, 49)` looks like.

```
.text, #text, p{  
    color:rgb(205, 51, 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(205, 51, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 51, 49) }
```

Border

The CSS property to change the border of an element to XYZ 26.9150, 15.5685, 4.4922 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(205, 51, 49) }
```


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

```
.border{ border-color:rgb(205, 51, 49) }
```

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

Here you see how a box with a 4 pixel rgb(205, 51, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 51, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 51, 49);  
box-shadow:4px 4px 4px 4px rgb(205, 51,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9150, 15.5685, 4.4922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 51, 49) }
```

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

```
.background{ background-color: rgb(205, 51,  
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](#).

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