

Converting Colors

XYZ(29.5866, 19.2210, 9.4881)

Have a look what the booklet for
XYZ(29.5866, 19.2210, 9.4881)
contains.

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Color

**XYZ(29.6609, 19.2783,
9.5549)**

Conversions

Conversions Part 1

Format	Color
Hex	CE4F4F
RGB	206, 79, 79
RGB Percent	81%, 31%, 31%
CMY	0.1922, 0.6902, 0.6902
CMYK	0.00, 0.62, 0.62, 0.19
HSL	0°, 56%, 56%
HSV	0°, 62%, 81%
XYZ	29.6609, 19.2783, 9.5549
YIQ	116.9730, 75.6920, 26.9240

Conversions

Conversions Part 2

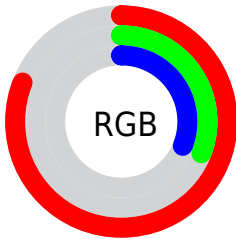
Format	Color
RYB	206, 79, 79
Decimal	13520719
CIELab	51.01, 50.30, 26.66
CIELCh	51, 56.932, 27.923
Yxy	19.2783, 0.5071, 0.3296
Android (android.graphics.Color)	4291710799 (0xFFCE4F4F)
YUV	116.9730, -18.7207, 78.0767
Hunter-Lab	43.9071, 43.7462, 17.8325

Details

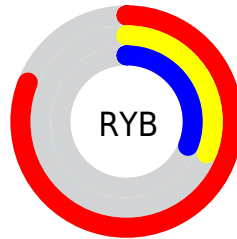
The XYZ color **29.6609, 19.2783, 9.5549** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **36.4345, 50.2575, 66.1727**, and the grayscale version is **16.9407, 17.8229, 19.4092**.

A 20% lighter version of the original color is **53.5238, 39.5936, 25.2434**, and **12.3903, 6.6981, 2.2299** is the 20% darker color. If you saturate the color by 10%, you get **27.7612, 16.4989, 5.7781**, and if you desaturate by 10%, it is **32.2540, 23.0732, 14.7091**.

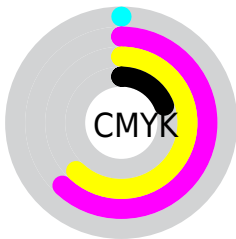
Distribution



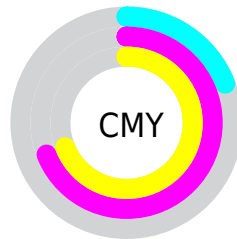
- Red (81%)
- Green (31%)
- Blue (31%)



- Red (81%)
- Yellow (31%)
- Blue (31%)



- Cyan (0%)
- Magenta (62%)
- Yellow (62%)
- Black (19%)





- Cyan (19%)
- Magenta (69%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.6609, 19.2783, 9.5549 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 29.6609, 19.2783, 9.5549 by changing the saturation by 10% instead.


 29.6609, 19.2783,
9.5549


 29.6609, 19.2783,
9.5549


292.2589,
247.9809, 197.8331

 19.7281, 11.8715,
5.0031


 58.5158, 42.2038,
25.5495


 12.3047, 6.6563,
2.1903


 78.1687, 58.4914,
37.8294


 7.0252, 3.2481,
0.6688


 101.7923, 78.5080,
53.5224

 3.5243, 1.2626,
0.0000

 129.7520,
102.6381, 73.0470

 1.4367, 0.1119,
0.0000

 162.4131,
131.2660, 96.8219

 0.2822, 0.0000,
0.0000

200.1411,

 0.0000, 0.0000,

164.7762, 125.2655

0.0000

243.3012,
203.5530, 158.7964

■ 29.6609, 19.2783,
9.5549

■ 29.6609, 19.2783,
9.5549

■ 27.7612, 16.4989,
5.7781

■ 32.2540, 23.0732,
14.7091

■ 26.4872, 14.6345,
3.2456

■ 35.5971, 27.9651,
21.3548

■ 25.7600, 13.5704,
1.8002

■ 39.7424, 34.0310,
29.5955

■ 25.4536, 13.1220,
1.1912

■ 44.7373, 41.3400,
39.5252

■ 50.6254, 49.9558,
51.2304

■ 57.4472, 59.9380,
64.7920

■ 65.2408, 71.3423,
80.2857

■ 74.0423, 84.2213,
97.7830

■ 79.2635, 91.8618,
108.1612

Harmonies

Analogous

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



31.4240, 19.2783, 22.1355



29.6609, 19.2783, 9.5549



24.7006, 19.2783, 4.1480

Triad

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



29.6609, 19.2783, 9.5549



10.5906, 19.2783, 8.4481



17.9336, 19.2783, 69.7774

Complementary

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



29.6609, 19.2783, 9.5549



36.4345, 50.2575, 66.1727

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.



13.1508, 19.2783, 59.7899



29.6609, 19.2783, 9.5549



9.4885, 19.2783, 19.8863

Square

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



29.6609, 19.2783, 9.5549



13.7035, 19.2783, 3.7781



10.3205, 19.2783, 39.1329



23.8800, 19.2783, 62.0781

Rectangle

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



29.6609, 19.2783, 9.5549



20.6851, 19.2783, 2.9200



10.3205, 19.2783, 39.1329



16.1488, 19.2783, 68.3037

Sweetspot

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



29.6614, 19.2794, 9.5552



75.5867, 71.5197, 70.2074



39.3901, 23.1700, 60.7885



15.6055, 14.4695, 13.8879



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.



29.6614, 19.2794, 9.5552



44.1987, 25.5897, 7.8105



36.6124, 33.1815, 11.8722



11.2124, 11.2138, 11.6530



15.6736, 8.0802, 0.7335



0.8086, 0.4169, 0.0378

Inverse Universe

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



36.4345, 50.2575, 66.1727



56.0736, 79.9019, 107.0750



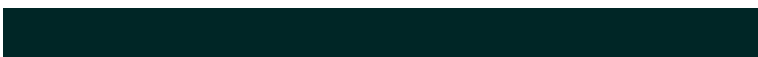
24.1126, 25.6137, 62.0654



11.5433, 12.7270, 14.4185



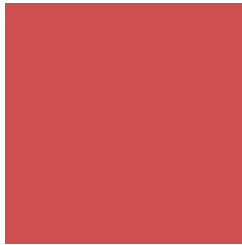
20.4491, 29.9222, 40.6541



1.0550, 1.5437, 2.0973

Previews

White Background



This preview shows how the XYZ color 29.6609, 19.2783, 9.5549 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 29.6609, 19.2783, 9.5549 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 29.6609, 19.2783, 9.5549

Background



This preview shows how black text looks on a background with the XYZ color 29.6609, 19.2783, 9.5549.



This preview shows how white text looks on a background with the XYZ color 29.6609, 19.2783,

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

29.6609, 19.2783, 9.5549

Protanopia

18.3231, 19.5280, 14.1128

Deuteranopia

19.7766, 19.4995, 9.0248



Tritanopia

29.7393, 19.1951, 10.3212

Trichromacy



Original Color

29.6609, 19.2783, 9.5549

Protanomaly

21.1000, 18.3154, 12.0960

Deuteranomaly

22.4824, 18.6435, 9.0702

Tritanomaly

29.7010, 19.1798, 10.1193

Monochromacy



Original Color

29.6609, 19.2783, 9.5549

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.6929, 17.0693, 15.0887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6609, 19.2783, 9.5549 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(206, 79, 79)` looks like.

```
.text, #text, p{  
    color:rgb(206, 79, 79)  
}
```

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(206, 79, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 79, 79) }
```

Border

The CSS property to change the border of an element to XYZ 29.6609, 19.2783, 9.5549 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(206, 79, 79) }
```


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

```
.border{ border-color:rgb(206, 79, 79) }
```

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

Here you see how a box with a 4 pixel rgb(206, 79, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 79, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 79, 79);  
box-shadow:4px 4px 4px 4px rgb(206, 79,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6609, 19.2783, 9.5549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 79, 79) }
```

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

```
.background{ background-color: rgb(206, 79,  
79) }
```

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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