

Converting Colors

XYZ(25.4635, 15.8431, 9.6986)

Have a look what the booklet for
XYZ(25.4635, 15.8431, 9.6986)
contains.

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Color

**XYZ(25.4635, 15.8431,
9.6986)**

Conversions

Conversions Part 1

Format	Color
Hex	C14252
RGB	193, 66, 82
RGB Percent	76%, 26%, 32%
CMY	0.2431, 0.7411, 0.6784
CMYK	0.00, 0.66, 0.58, 0.24
HSL	352°, 51%, 51%
HSV	352°, 66%, 76%
XYZ	25.4635, 15.8431, 9.6986
YIQ	105.7970, 70.5560, 31.9000

Conversions

Conversions Part 2

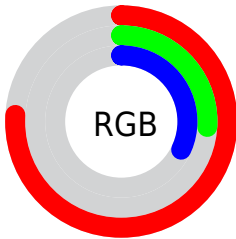
Format	Color
R_{YB}	193, 66, 82
Decimal	12665426
CIE Lab	46.77, 51.78, 18.90
CIE LCh	47, 55.117, 20.055
Yxy	15.8431, 0.4992, 0.3106
Android (android.graphics.Color)	4290855506 (0xFFC14252)
YUV	105.7970, -11.7319, 76.4770
Hunter-Lab	39.8034, 44.5362, 13.4156

Details

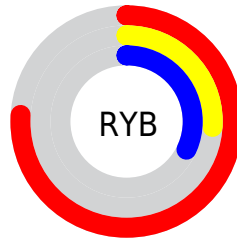
The XYZ color **25.4635, 15.8431, 9.6986** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **29.2537, 42.4728, 48.2550**, and the grayscale version is **13.6624, 14.3739, 15.6532**.

A 20% lighter version of the original color is **51.8072, 36.3843, 25.7651**, and **10.0227, 5.1265, 2.2950** is the 20% darker color. If you saturate the color by 10%, you get **23.9550, 13.7304, 6.4086**, and if you desaturate by 10%, it is **27.5109, 18.7814, 13.9470**.

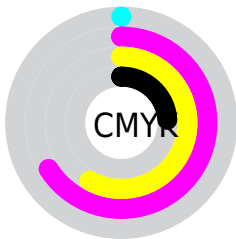
Distribution



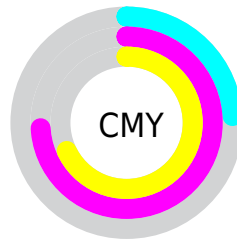
- Red (76%)
- Green (26%)
- Blue (32%)



- Red (76%)
- Yellow (26%)
- Blue (32%)



- Cyan (0%)
- Magenta (66%)
- Yellow (58%)
- Black (24%)





- Cyan (24%)
- Magenta (74%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4635, 15.8431, 9.6986 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 25.4635, 15.8431, 9.6986 by changing the saturation by 10% instead.


 25.4635, 15.8431,
9.6986


 25.4635, 15.8431,
9.6986

272.4437,
228.4141, 198.9132


 16.5533, 9.4132,
5.0966


 51.8457, 36.3256,
25.8259


 10.0098, 5.0117,
2.2443


 70.0483, 51.1470,
38.1883

 5.4678, 2.2541,
0.6998

 92.0792, 69.5343,
53.9746

 2.5618, 0.7493,
0.0000

 118.3035, 91.8720,
73.6033

 0.9265, 0.0000,
0.0000

 149.0868,
118.5444, 97.4930

 0.0000, 0.0000,
0.0000

184.7944,

149.9360, 126.0622

225.7915,
186.4311, 159.7294

■ 25.4635, 15.8431,
9.6986

■ 25.4635, 15.8431,
9.6986

■ 23.9550, 13.7304,
6.4086

■ 27.5109, 18.7814,
13.9470

■ 22.9325, 12.3557,
4.0009

■ 30.1412, 22.6158,
19.2203

■ 22.3327, 11.6144,
2.3883

■ 33.3950, 27.4123,
25.5799

■ 22.1602, 11.4046,
1.9142

■ 37.3090, 33.2301,
33.0821

■ 41.9171, 40.1234,
41.7793

■ 47.2507, 48.1426,
51.7205

■ 53.3395, 57.3352,
62.9523

■ 60.2113, 67.7456,
75.5186

■ 67.8926, 79.4162,
89.4613

Harmonies

Analogous

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



26.0640, 15.8431, 22.2145



25.4635, 15.8431, 9.6986



21.7739, 15.8431, 3.9065

Triad

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



25.4635, 15.8431, 9.6986



9.0473, 15.8431, 5.2583



13.5243, 15.8431, 58.4131

Complementary

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



25.4635, 15.8431, 9.6986



29.2537, 42.4728, 48.2550

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.



9.8887, 15.8431, 46.3748



25.4635, 15.8431, 9.6986



7.6908, 15.8431, 13.0872

Square

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



25.4635, 15.8431, 9.6986



12.1177, 15.8431, 2.4477



7.9621, 15.8431, 27.9595



18.4400, 15.8431, 55.7439

Rectangle

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



25.4635, 15.8431, 9.6986



18.4210, 15.8431, 2.4430



7.9621, 15.8431, 27.9595



12.1321, 15.8431, 55.7818

Sweetspot

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



25.4639, 15.8440, 9.6989



71.1909, 66.0437, 67.5245



29.4940, 16.9856, 52.1758



14.7786, 13.4296, 13.5522



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.



25.4639, 15.8440, 9.6989



41.9896, 23.3451, 9.3774



28.8332, 23.4457, 8.1614



10.1237, 10.0981, 10.7418



14.7558, 7.5921, 1.3604



0.6549, 0.3350, 0.1500

Inverse Universe

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



25.4639, 15.8440, 9.6989



41.9896, 23.3451, 9.3774



22.2191, 25.7012, 54.2415



10.1237, 10.0981, 10.7418



14.7558, 7.5921, 1.3604



0.6549, 0.3350, 0.1500

Previews

White Background



This preview shows how the XYZ color 25.4635, 15.8431, 9.6986 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 25.4635, 15.8431, 9.6986 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 25.4635, 15.8431, 9.6986

Background



This preview shows how black text looks on a background with the XYZ color 25.4635, 15.8431, 9.6986.



This preview shows how white text looks on a background with the XYZ color 25.4635, 15.8431,

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

25.4635, 15.8431, 9.6986

Protanopia

15.3351, 16.0612, 15.1238

Deuteranopia

16.2351, 16.0237, 9.0747



Tritanopia

24.9750, 15.8086, 7.8659

Trichromacy



Original Color

25.4635, 15.8431, 9.6986

Protanomaly

17.6594, 14.9399, 12.7794

Deuteranomaly

18.7199, 15.1729, 9.1497

Tritanomaly

25.0499, 15.7426, 8.5558

Monochromacy



Original Color

25.4635, 15.8431, 9.6986

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

16.3800, 13.7485, 13.0997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4635, 15.8431, 9.6986 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, 66, 82)` looks like.

```
.text, #text, p{  
    color:rgb(193, 66, 82)  
}
```

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, 66, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 66, 82) }
```

Border

The CSS property to change the border of an element to XYZ 25.4635, 15.8431, 9.6986 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, 66, 82) }
```


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

```
.border{ border-color:rgb(193, 66, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 66, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 66, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 66, 82);  
box-shadow:4px 4px 4px 4px rgb(193, 66,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4635, 15.8431, 9.6986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 66, 82) }
```

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

```
.background{ background-color: rgb(193, 66,  
82) }
```

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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