

Converting Colors

XYZ(24.8610, 14.9651, 5.9931)

Have a look what the booklet for
XYZ(24.8610, 14.9651, 5.9931)
contains.

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Color

**XYZ(24.8610, 14.9651,
5.9931)**

Conversions

Conversions Part 1

Format	Color
Hex	C33A3D
RGB	195, 58, 61
RGB Percent	76%, 23%, 24%
CMY	0.2353, 0.7725, 0.7608
CMYK	0.00, 0.70, 0.69, 0.24
HSL	359°, 54%, 50%
HSV	359°, 70%, 76%
XYZ	24.8610, 14.9651, 5.9931
YIQ	99.3050, 80.6890, 29.9770

Conversions

Conversions Part 2

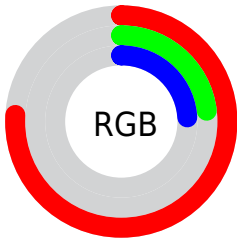
Format	Color
R_{YB}	195, 58, 61
Decimal	12794429
CIE _{Lab}	45.59, 54.31, 30.11
CIE _{LCh}	46, 62.092, 29.002
Yxy	14.9651, 0.5426, 0.3266
Android (android.graphics.Color)	4290984509 (0xFFC33A3D)
YUV	99.3050, -18.8844, 83.9245
Hunter-Lab	38.6848, 47.0158, 17.8940

Details

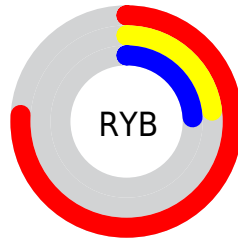
The XYZ color **24.8610, 14.9651, 5.9931** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **30.7757, 43.7359, 56.6936**, and the grayscale version is **11.9695, 12.5928, 13.7136**.

A 20% lighter version of the original color is **50.0176, 34.3988, 18.4714**, and **9.9491, 5.1153, 1.0791** is the 20% darker color. If you saturate the color by 10%, you get **23.6316, 13.1877, 3.4835**, and if you desaturate by 10%, it is **26.6459, 17.5616, 9.5892**.

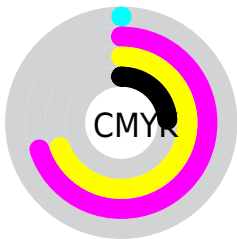
Distribution



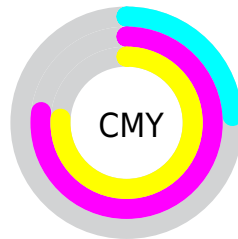
- Red (76%)
- Green (23%)
- Blue (24%)



- Red (76%)
- Yellow (23%)
- Blue (24%)



- Cyan (0%)
- Magenta (70%)
- Yellow (69%)
- Black (24%)





- Cyan (24%)
- Magenta (77%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.8610, 14.9651, 5.9931 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 24.8610, 14.9651, 5.9931 by changing the saturation by 10% instead.

 24.8610, 14.9651,
5.9931


 24.8610, 14.9651,
5.9931


269.5054,
223.1549, 168.3135


 16.1017, 8.7949,
2.7722


 50.8762, 34.7919,
18.3940


 9.6875, 4.6076,
0.9795


 68.8627, 49.2174,
28.4110


 5.2529, 2.0189,
0.0000


 90.6558, 67.1633,
41.5305

 2.4327, 0.6184,
0.0000

 116.6206, 89.0142,
58.1710

 0.8614, 0.0000,
0.0000

 147.1227,
115.1544, 78.7510

 0.0000, 0.0000,
0.0000

 182.5272,

145.9683, 103.6890

223.1997,
181.8404, 133.4037

■ 24.8610, 14.9651,
5.9931

■ 24.8610, 14.9651,
5.9931

■ 23.6316, 13.1877,
3.4835

■ 26.6459, 17.5616,
9.5892

■ 22.8917, 12.1293,
1.9375

■ 29.0403, 21.0568,
14.3755

■ 22.5288, 11.6113,
1.1761

■ 32.0930, 25.5238,
20.4442

■ 35.8476, 31.0275,
27.8783

■ 40.3439, 37.6273,
36.7540

■ 45.6189, 45.3780,
47.1416

■ 51.7068, 54.3308,
59.1070

■ 58.6400, 64.5338,
72.7121

■ 66.4491, 76.0324,
88.0156

Harmonies

Analogous

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



26.7194, 14.9651, 16.7973



24.8610, 14.9651, 5.9931



20.0083, 14.9651, 2.0215

Triad

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



24.8610, 14.9651, 5.9931



7.2689, 14.9651, 5.5614



14.0508, 14.9651, 64.8427

Complementary

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



24.8610, 14.9651, 5.9931



30.7757, 43.7359, 56.6936

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.



9.6779, 14.9651, 55.1317



24.8610, 14.9651, 5.9931



6.3962, 14.9651, 15.8018

Square

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



24.8610, 14.9651, 5.9931



9.9126, 14.9651, 1.9002



7.1584, 14.9651, 34.4546



19.6328, 14.9651, 56.2611

Rectangle

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



24.8610, 14.9651, 5.9931



16.2142, 14.9651, 1.2595



7.1584, 14.9651, 34.4546



12.4035, 14.9651, 63.5441

Sweetspot

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



24.8613, 14.9660, 5.9933



71.3266, 66.0250, 63.9925



32.7073, 17.9701, 53.3741



15.1019, 13.6984, 12.9921



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.



24.8613, 14.9660, 5.9933



41.5542, 22.5133, 4.6403



30.2214, 25.8114, 7.3935



10.0819, 10.0814, 10.5219



14.6467, 7.5484, 0.7858



0.6360, 0.3274, 0.0505

Inverse Universe

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



24.8613, 14.9660, 5.9933



41.5542, 22.5133, 4.6403



19.7215, 21.0915, 54.6610



10.0819, 10.0814, 10.5219



14.6467, 7.5484, 0.7858



0.6360, 0.3274, 0.0505

Previews

White Background



This preview shows how the XYZ color 24.8610, 14.9651, 5.9931 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



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 24.8610, 14.9651, 5.9931

Background



This preview shows how black text looks on a background with the XYZ color 24.8610, 14.9651, 5.9931.



This preview shows how white text looks on a background with the XYZ color 24.8610, 14.9651,

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

24.8610, 14.9651, 5.9931

Protanopia

14.2527, 15.2984, 9.7911

Deuteranopia

15.4244, 15.2260, 5.4941



Tritanopia

24.8610, 14.9651, 5.9931

Trichromacy



Original Color

24.8610, 14.9651, 5.9931

Protanomaly

16.5358, 13.8131, 8.0980

Deuteranomaly

17.8323, 14.1698, 5.5366

Tritanomaly

24.8610, 14.9651, 5.9931

Monochromacy



Original Color

24.8610, 14.9651, 5.9931

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

14.6415, 12.0649, 10.1514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8610, 14.9651, 5.9931 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(195, 58, 61)` looks like.

```
.text, #text, p{  
    color:rgb(195, 58, 61)  
}
```

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(195, 58, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 58, 61) }
```

Border

The CSS property to change the border of an element to XYZ 24.8610, 14.9651, 5.9931 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(195, 58, 61) }
```


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

```
.border{ border-color:rgb(195, 58, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 58, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 58, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 58, 61);  
box-shadow:4px 4px 4px 4px rgb(195, 58,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8610, 14.9651, 5.9931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 58, 61) }
```

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

```
.background{ background-color: rgb(195, 58,  
61) }
```

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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