

Converting Colors

XYZ(28.2946, 19.5206, 14.8587)

Have a look what the booklet for
XYZ(28.2946, 19.5206, 14.8587)
contains.

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Color

**XYZ(28.3937, 19.5409,
14.8456)**

Conversions

Conversions Part 1

Format	Color
Hex	C35866
RGB	195, 88, 102
RGB Percent	76%, 35%, 40%
CMY	0.2353, 0.6549, 0.6000
CMYK	0.00, 0.55, 0.48, 0.24
HSL	352°, 47%, 55%
HSV	352°, 55%, 76%
XYZ	28.3937, 19.5409, 14.8456
YIQ	121.5890, 59.2780, 27.0380

Conversions

Conversions Part 2

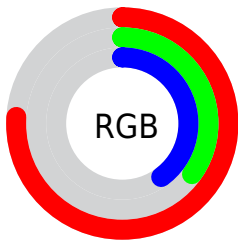
Format	Color
R_{YB}	195, 88, 102
Decimal	12802150
CIE _{Lab}	51.31, 44.10, 13.12
CIE _{LCh}	51, 46.008, 16.570
Yxy	19.5409, 0.4523, 0.3113
Android (android.graphics.Color)	4290992230 (0xFFC35866)
YUV	121.5890, -9.6574, 64.3814
Hunter-Lab	44.2051, 37.2948, 11.0319

Details

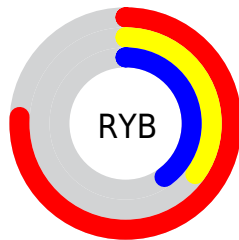
The XYZ color **28.3937, 19.5409, 14.8456** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **31.8813, 44.4416, 50.6170**, and the grayscale version is **18.3824, 19.3397, 21.0610**.

A 20% lighter version of the original color is **56.5146, 42.6097, 35.3828**, and **11.6071, 6.7963, 4.3145** is the 20% darker color. If you saturate the color by 10%, you get **26.2453, 16.4546, 10.3977**, and if you desaturate by 10%, it is **31.1431, 23.5541, 20.3420**.

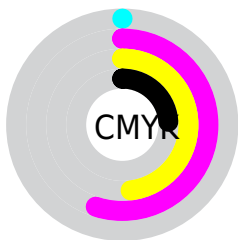
Distribution



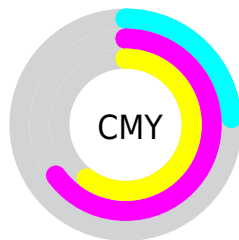
- Red (76%)
- Green (35%)
- Blue (40%)



- Red (76%)
- Yellow (35%)
- Blue (40%)



- Cyan (0%)
- Magenta (55%)
- Yellow (48%)
- Black (24%)




- Cyan (24%)
- Magenta (65%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3937, 19.5409, 14.8456 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 28.3937, 19.5409, 14.8456 by changing the saturation by 10% instead.


 28.3937, 19.5409,
14.8456


 28.3937, 19.5409,
14.8456


286.3895,
249.4188, 234.0383

 18.7646, 12.0618,
8.5657


 56.5167, 42.6461,
35.3206

 11.6033, 6.7858,
4.3661


 75.7412, 59.0410,
50.3527

 6.5444, 3.3285,
1.8282


 98.8950, 79.1766,
69.1393

 3.2226, 1.3055,
0.4465

 126.3434,
103.4372, 92.0989

 1.2726, 0.1455,
0.0000

158.4516,
132.2074, 119.6500

 0.1625, 0.0000,
0.0000

195.5852,

 0.0000, 0.0000,

165.8714, 152.2113

0.0000

238.1093,
204.8138, 190.2012

■ 28.3937, 19.5409,
14.8456

■ 28.3937, 19.5409,
14.8456

■ 26.2453, 16.4546,
10.3977

■ 31.1431, 23.5541,
20.3420

■ 24.6507, 14.2179,
6.9302

■ 34.5327, 28.5572,
26.9472

■ 23.5584, 12.7462,
4.3682

■ 38.6001, 34.6113,
34.7179

■ 22.9059, 11.9360,
2.6253

■ 43.3797, 41.7716,
43.7068

■ 22.6866, 11.6745,
2.0062

■ 48.9035, 50.0894,
53.9632

■ 55.2014, 59.6130,
65.5339

■ 62.3018, 70.3877,
78.4630

■ 70.2317, 82.4567,
92.7928

■ 76.2427, 90.3129,
107.6390

Harmonies

Analogous

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



28.5603, 19.5409, 27.7115



28.3937, 19.5409, 14.8456



25.3332, 19.5409, 7.6834

Triad

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



28.3937, 19.5409, 14.8456



12.8672, 19.5409, 8.1913



16.5956, 19.5409, 56.5979

Complementary

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



28.3937, 19.5409, 14.8456



31.8813, 44.4416, 50.6170

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.



13.1371, 19.5409, 45.4504



28.3937, 19.5409, 14.8456



11.2366, 19.5409, 15.9242

Square

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



28.3937, 19.5409, 14.8456



16.1656, 19.5409, 5.0718



11.3265, 19.5409, 29.3395



21.2084, 19.5409, 55.9118

Rectangle

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



28.3937, 19.5409, 14.8456



22.3124, 19.5409, 5.4805



11.3265, 19.5409, 29.3395



15.2767, 19.5409, 53.9628

Sweetspot

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



28.3942, 19.5419, 14.8459



76.4348, 72.9231, 75.9254



32.3343, 20.7123, 53.9233



16.3294, 15.3557, 15.8602



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.



28.3942, 19.5419, 14.8459



46.3094, 28.4833, 17.1401



31.8874, 27.5469, 12.8704



10.1256, 10.0989, 10.7521



14.7630, 7.5949, 1.3979



0.6558, 0.3353, 0.1547

Inverse Universe

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



28.3942, 19.5419, 14.8459



46.3094, 28.4833, 17.1401



25.7252, 29.7146, 56.0093



10.1256, 10.0989, 10.7521



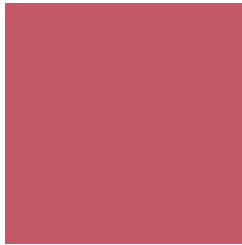
14.7630, 7.5949, 1.3979



0.6558, 0.3353, 0.1547

Previews

White Background



This preview shows how the XYZ color 28.3937, 19.5409, 14.8456 looks on a white background.

Color Contrast Check

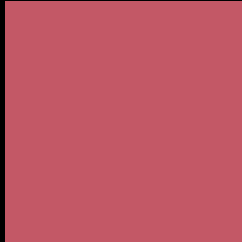
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3937, 19.5409, 14.8456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

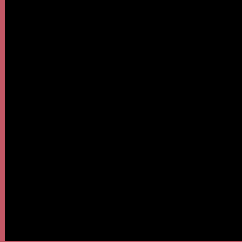
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3937, 19.5409, 14.8456

Background



This preview shows how black text looks on a background with the XYZ color 28.3937, 19.5409, 14.8456.



This preview shows how white text looks on a background with the XYZ color 28.3937, 19.5409,

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

28.3937, 19.5409, 14.8456

Protanopia

18.9539, 19.7108, 20.5749

Deuteranopia

19.9638, 19.6596, 14.0517



Tritanopia

28.1436, 19.5731, 13.1211

Trichromacy



Original Color

28.3937, 19.5409, 14.8456

Protanomaly

21.3191, 18.9234, 18.1517

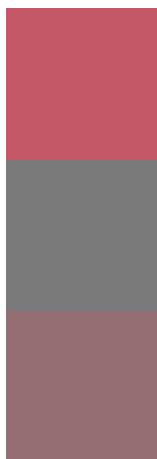
Deuteranomaly

22.4101, 19.0976, 14.3094

Tritanomaly

28.2827, 19.6287, 13.8533

Monochromacy



Original Color

28.3937, 19.5409, 14.8456

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

21.0649, 18.7792, 18.7342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3937, 19.5409, 14.8456 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, 88, 102)` looks like.

```
.text, #text, p{  
    color:rgb(195, 88, 102)  
}
```

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, 88, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 88, 102) }
```

Border

The CSS property to change the border of an element to XYZ 28.3937, 19.5409, 14.8456 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, 88, 102) }
```


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

```
.border{ border-color:rgb(195, 88, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 88, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 88, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 88, 102);  
box-shadow:4px 4px 4px 4px rgb(195, 88,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3937, 19.5409, 14.8456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 88, 102) }
```

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

```
.background{ background-color: rgb(195, 88,  
102) }
```

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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