

Converting Colors

XYZ(27.3563, 19.9169, 8.1969)

Have a look what the booklet for
XYZ(27.3563, 19.9169, 8.1969)
contains.

XYZ(27.3563, 19.9169, 8.1969)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.3563, 19.9169,
8.1969)**

Conversions

Conversions Part 1

Format	Color
Hex	C25E46
RGB	194, 94, 70
RGB Percent	76%, 37%, 27%
CMY	0.2392, 0.6313, 0.7255
CMYK	0.00, 0.52, 0.64, 0.24
HSL	12°, 50%, 52%
HSV	12°, 64%, 76%
XYZ	27.3563, 19.9169, 8.1969
YIQ	121.1640, 67.3040, 13.7360

Conversions

Conversions Part 2

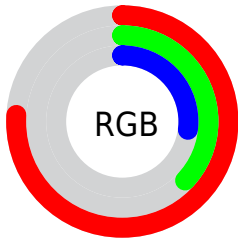
Format	Color
RYB	194, 100, 70
Decimal	12738118
CIELab	51.74, 38.13, 32.35
CIELCh	52, 50.002, 40.314
Yxy	19.9169, 0.4932, 0.3591
Android (android.graphics.Color)	4290928198 (0xFFC25E46)
YUV	121.1640, -25.2239, 63.8772
Hunter-Lab	44.6284, 31.3174, 20.3500

Details

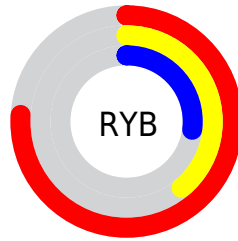
The XYZ color **27.3563, 19.9169, 8.1969** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **26.6371, 33.9445, 56.1866**, and the grayscale version is **18.2914, 19.2440, 20.9567**.

A 20% lighter version of the original color is **55.0035, 43.4593, 22.9423**, and **11.0310, 6.9488, 1.6796** is the 20% darker color. If you saturate the color by 10%, you get **25.5869, 17.2051, 5.0584**, and if you desaturate by 10%, it is **29.6063, 23.2739, 12.4716**.

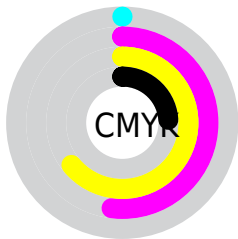
Distribution



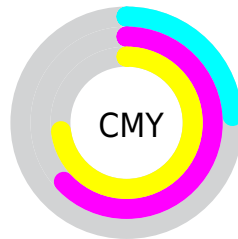
- Red (76%)
- Green (37%)
- Blue (27%)



- Red (76%)
- Yellow (39%)
- Blue (27%)



- Cyan (0%)
- Magenta (52%)
- Yellow (64%)
- Black (24%)





- Cyan (24%)
- Magenta (63%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3563, 19.9169, 8.1969 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 27.3563, 19.9169, 8.1969 by changing the saturation by 10% instead.


 27.3563, 19.9169,
8.1969


 27.3563, 19.9169,
8.1969


281.5143,
251.4649, 187.2602

 17.9790, 12.3347,
4.1316


 54.8709, 43.2778,
22.8961


 11.0345, 6.9720,
1.6978


 73.7390, 59.8253,
34.3670

 6.1575, 3.4446,
0.3592


 96.5013, 80.1299,
49.1436

 2.9827, 1.3680,
0.0000

 123.5232,
104.5762, 67.6444

 1.1446, 0.1930,
0.0000

 155.1701,
133.5484, 90.2879

 0.0619, 0.0000,
0.0000

191.8074,

 0.0000, 0.0000,

167.4310, 117.4927

0.0000

233.8003,
206.6084, 149.6773

■ 27.3563, 19.9169,
8.1969

■ 27.3563, 19.9169,
8.1969

■ 25.5869, 17.2051,
5.0584

■ 29.6063, 23.2739,
12.4716

■ 24.2599, 15.0931,
2.9449

■ 32.3686, 27.3111,
17.9775

■ 23.3326, 13.5342,
1.7241

■ 35.6734, 32.0648,
24.8005

■ 22.9270, 12.8273,
1.2675

■ 39.5483, 37.5679,
33.0186

■ 44.0190, 43.8511,
42.7037

■ 49.1095, 50.9432,
53.9228

■ 54.8424, 58.8719,
66.7387

■ 61.2394, 67.6633,
81.2105

■ 68.3210, 77.3424,
97.3946

Harmonies

Analogous

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



30.2008, 19.9169, 17.0721



27.3563, 19.9169, 8.1969



22.3991, 19.9169, 4.6124

Triad

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



27.3563, 19.9169, 8.1969



11.1708, 19.9169, 13.5917



20.7255, 19.9169, 62.2494

Complementary

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



27.3563, 19.9169, 8.1969



26.6371, 33.9445, 56.1866

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.



15.8397, 19.9169, 59.9005



27.3563, 19.9169, 8.1969



10.8840, 19.9169, 27.0645

Square

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



27.3563, 19.9169, 8.1969



13.3099, 19.9169, 6.6270



12.4411, 19.9169, 45.1569



25.9450, 19.9169, 50.6105

Rectangle

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



27.3563, 19.9169, 8.1969



18.8772, 19.9169, 4.0565



12.4411, 19.9169, 45.1569



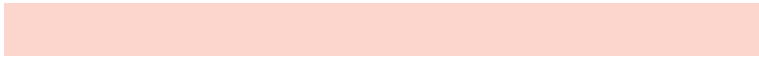
18.9837, 19.9169, 63.1619

Sweetspot

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



27.3568, 19.9180, 8.1972



75.2538, 73.1394, 67.5829



31.8143, 18.8002, 40.6134



15.9754, 15.3065, 13.7111



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.



27.3568, 19.9180, 8.1972



45.2285, 29.3959, 7.3016



35.0305, 35.2655, 10.7552



10.2275, 10.3865, 10.5276



15.1201, 8.5260, 0.8488



0.7017, 0.4651, 0.0528

Inverse Universe

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



26.6371, 33.9445, 56.1866



43.6450, 56.4668, 101.0686



17.7606, 16.1916, 53.2278



10.1975, 11.0863, 12.8872



14.3250, 18.4066, 36.3544



0.6624, 0.8823, 1.5853

Previews

White Background



This preview shows how the XYZ color 27.3563, 19.9169, 8.1969 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 27.3563, 19.9169, 8.1969 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 27.3563, 19.9169, 8.1969

Background



This preview shows how black text looks on a background with the XYZ color 27.3563, 19.9169, 8.1969.



This preview shows how white text looks on a background with the XYZ color 27.3563, 19.9169,

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

27.3563, 19.9169, 8.1969

Protanopia

18.6845, 20.1603, 10.6911

Deuteranopia

20.3815, 20.0139, 7.7899



Tritanopia

28.3195, 19.7775, 13.6341

Trichromacy



Original Color

27.3563, 19.9169, 8.1969

Protanomaly

20.9550, 19.4140, 9.6640

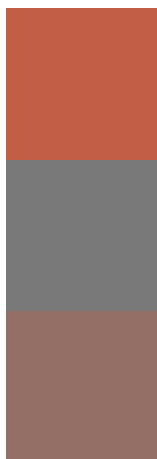
Deuteranomaly

22.4181, 19.5580, 7.9037

Tritanomaly

27.9671, 19.7724, 11.3593

Monochromacy



Original Color

27.3563, 19.9169, 8.1969

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.2955, 18.6241, 15.0955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3563, 19.9169, 8.1969 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(194, 94, 70)` looks like.

```
.text, #text, p{  
    color:rgb(194, 94, 70)  
}
```

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(194, 94, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 94, 70) }
```

Border

The CSS property to change the border of an element to XYZ 27.3563, 19.9169, 8.1969 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(194, 94, 70) }
```


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

```
.border{ border-color:rgb(194, 94, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 94, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 94, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 94, 70);  
box-shadow:4px 4px 4px 4px rgb(194, 94,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3563, 19.9169, 8.1969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 94, 70) }
```

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

```
.background{ background-color: rgb(194, 94,  
70) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor