

Converting Colors

XYZ(25.4168, 19.6190, 8.3805)

Have a look what the booklet for
XYZ(25.4168, 19.6190, 8.3805)
contains.

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Color

**XYZ(25.3663, 19.5690,
8.4015)**

Conversions

Conversions Part 1

Format	Color
Hex	B86347
RGB	184, 99, 71
RGB Percent	72%, 39%, 28%
CMY	0.2784, 0.6117, 0.7216
CMYK	0.00, 0.46, 0.61, 0.28
HSL	15°, 44%, 50%
HSV	15°, 61%, 72%
XYZ	25.3663, 19.5690, 8.4015
YIQ	121.2230, 59.6480, 9.3120

Conversions

Conversions Part 2

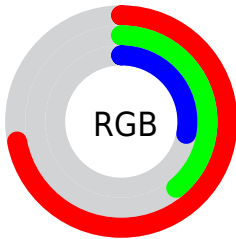
Format	Color
RYB	184, 108, 71
Decimal	12084039
CIELab	51.35, 31.63, 30.97
CIELCh	51, 44.267, 44.395
Yxy	19.5690, 0.4756, 0.3669
Android (android.graphics.Color)	4290274119 (0xFFB86347)
YUV	121.2230, -24.7599, 55.0554
Hunter-Lab	44.2369, 24.9410, 19.7054

Details

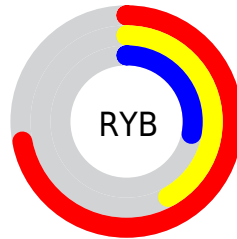
The XYZ color **25.3663, 19.5690, 8.4015** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **23.1378, 28.5753, 49.6431**, and the grayscale version is **18.3108, 19.2644, 20.9789**.

A 20% lighter version of the original color is **51.7650, 42.7224, 23.2872**, and **9.9312, 6.7914, 1.7647** is the 20% darker color. If you saturate the color by 10%, you get **23.6621, 16.9669, 5.3481**, and if you desaturate by 10%, it is **27.4750, 22.6942, 12.4721**.

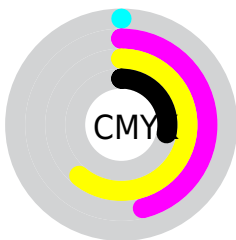
Distribution



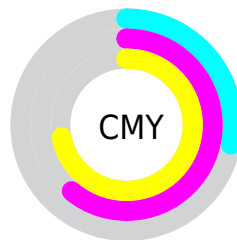
- Red (72%)
- Green (39%)
- Blue (28%)



- Red (72%)
- Yellow (42%)
- Blue (28%)



- Cyan (0%)
- Magenta (46%)
- Yellow (61%)
- Black (28%)





- Cyan (28%)
- Magenta (61%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3663, 19.5690, 8.4015 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 25.3663, 19.5690, 8.4015 by changing the saturation by 10% instead.


 25.3663, 19.5690,
8.4015


 25.3663, 19.5690,
8.4015


271.9714,
249.5722, 188.8988


 16.4804, 12.0821,
4.2615


 51.6895, 42.6934,
23.3009

 9.9577, 6.7996,
1.7699


 69.8574, 59.0997,
34.8974


 5.4330, 3.3371,
0.4080

 91.8501, 79.2480,
49.8164

 2.5408, 1.3102,
0.0000

 118.0328,
103.5226, 68.4765

 0.9159, 0.1491,
0.0000

 148.7709,
132.3079, 91.2962

 0.0000, 0.0000,
0.0000

184.4298,

165.9883, 118.6942

225.3748,
204.9483, 151.0888

■ 25.3663, 19.5690,
8.4015

■ 25.3663, 19.5690,
8.4015

■ 23.6621, 16.9669,
5.3481

■ 27.4750, 22.6942,
12.4721

■ 22.3327, 14.8550,
3.2189

■ 30.0120, 26.3664,
17.6393

■ 21.3463, 13.2017,
1.9056

■ 33.0009, 30.6119,
23.9761

■ 20.7285, 12.1132,
1.2456

■ 36.4631, 35.4542,
31.5485

■ 40.4184, 40.9156,
40.4179

■ 44.8858, 47.0171,
50.6414

■ 49.8829, 53.7788,
62.2728

■ 55.4267, 61.2199,
75.3627

■ 61.5334, 69.3586,
89.9595

Harmonies

Analogous

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



28.1189, 19.5690, 15.8052



25.3663, 19.5690, 8.4015



20.9839, 19.5690, 5.3997

Triad

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



25.3663, 19.5690, 8.4015



11.5491, 19.5690, 15.4011



20.7963, 19.5690, 54.7004

Complementary

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



25.3663, 19.5690, 8.4015



23.1378, 28.5753, 49.6431

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.



16.4034, 19.5690, 54.4510



25.3663, 19.5690, 8.4015



11.5153, 19.5690, 27.9578

Square

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



25.3663, 19.5690, 8.4015



13.2594, 19.5690, 8.2072



13.1582, 19.5690, 43.3072



25.2103, 19.5690, 43.8940

Rectangle

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



25.3663, 19.5690, 8.4015



17.9553, 19.5690, 5.0754



13.1582, 19.5690, 43.3072



19.2594, 19.5690, 56.0108

Sweetspot

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



25.3668, 19.5700, 8.4019



68.2331, 67.2291, 61.9360



28.1603, 17.1529, 34.0090



14.2811, 13.8990, 12.3985



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.3668, 19.5700, 8.4019



41.8950, 29.1905, 8.0301



32.4379, 33.7123, 10.7589



9.1806, 9.3642, 9.4305



14.3342, 8.4448, 0.8745



0.5557, 0.3985, 0.0476

Inverse Universe

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



23.1378, 28.5753, 49.6431



37.3717, 46.6705, 89.2432



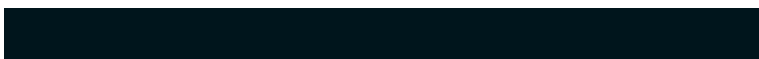
15.9170, 14.1337, 47.2361



9.0731, 9.8234, 11.4973



12.3239, 15.1075, 33.5196



0.4802, 0.6240, 1.1969

Previews

White Background



This preview shows how the XYZ color 25.3663, 19.5690, 8.4015 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 25.3663, 19.5690, 8.4015 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 25.3663, 19.5690, 8.4015

Background



This preview shows how black text looks on a background with the XYZ color 25.3663, 19.5690, 8.4015.



This preview shows how white text looks on a background with the XYZ color 25.3663, 19.5690,

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

25.3663, 19.5690, 8.4015

Protanopia

18.3624, 19.8134, 10.4460

Deuteranopia

19.9521, 19.6119, 8.0441



Tritanopia

26.7402, 19.5828, 14.9409

Trichromacy



Original Color

25.3663, 19.5690, 8.4015

Protanomaly

20.3058, 19.2458, 9.6658

Deuteranomaly

21.5196, 19.2506, 8.0504

Tritanomaly

26.0788, 19.4354, 12.2744

Monochromacy



Original Color

25.3663, 19.5690, 8.4015

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.8549, 18.7188, 15.3986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3663, 19.5690, 8.4015 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(184, 99, 71)` looks like.

```
.text, #text, p{  
    color:rgb(184, 99, 71)  
}
```

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(184, 99, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 99, 71) }
```

Border

The CSS property to change the border of an element to XYZ 25.3663, 19.5690, 8.4015 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(184, 99, 71) }
```


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

```
.border{ border-color:rgb(184, 99, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 99, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 99, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 99, 71);  
box-shadow:4px 4px 4px 4px rgb(184, 99,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3663, 19.5690, 8.4015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 99, 71) }
```

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

```
.background{ background-color: rgb(184, 99,  
71) }
```

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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