

Converting Colors

XYZ(19.7886, 14.3492, 3.6293)

Have a look what the booklet for
XYZ(19.7886, 14.3492, 3.6293)
contains.

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Color

**XYZ(19.7398, 14.2845,
3.6362)**

Conversions

Conversions Part 1

Format	Color
Hex	AA4F27
RGB	170, 79, 39
RGB Percent	67%, 31%, 15%
CMY	0.3333, 0.6902, 0.8471
CMYK	0.00, 0.54, 0.77, 0.33
HSL	18°, 63%, 41%
HSV	18°, 77%, 67%
XYZ	19.7398, 14.2845, 3.6362
YIQ	101.6490, 67.0760, 6.8520

Conversions

Conversions Part 2

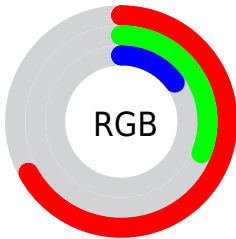
Format	Color
R_{YB}	170, 97, 39
Decimal	11161383
CIE Lab	44.64, 34.73, 40.14
CIE LCh	45, 53.080, 49.136
Yxy	14.2845, 0.5242, 0.3793
Android (android.graphics.Color)	4289351463 (0xFFAA4F27)
YUV	101.6490, -30.8860, 59.9438
Hunter-Lab	37.7948, 27.0875, 20.7522

Details

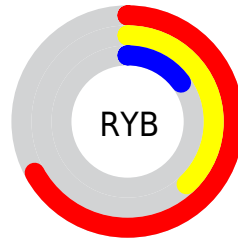
The XYZ color **19.7398, 14.2845, 3.6362** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **16.0744, 19.2975, 40.9077**, and the grayscale version is **12.6039, 13.2603, 14.4404**.

A 20% lighter version of the original color is **42.3361, 33.4764, 13.2471**, and **7.1215, 4.3235, 0.4592** is the 20% darker color. If you saturate the color by 10%, you get **18.7412, 12.6417, 2.2114**, and if you desaturate by 10%, it is **21.0166, 16.2820, 5.7765**.

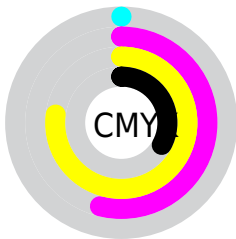
Distribution



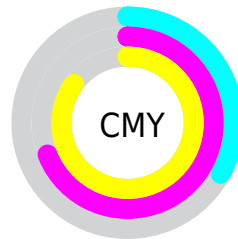
- Red (67%)
- Green (31%)
- Blue (15%)



- Red (67%)
- Yellow (38%)
- Blue (15%)



- Cyan (0%)
- Magenta (54%)
- Yellow (77%)
- Black (33%)



- Cyan (33%)
- Magenta (69%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7398, 14.2845, 3.6362 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 19.7398, 14.2845, 3.6362 by changing the saturation by 10% instead.

■ 19.7398, 14.2845,
3.6362

■ 19.7398, 14.2845,
3.6362

243.3635,
218.9936, 144.0916

■ 12.3132, 8.3188,
1.4280

■ 42.4878, 33.5930,
13.1616

■ 7.0311, 4.2996,
0.1634

■ 58.5399, 47.7046,
21.3159

■ 3.5280, 1.8425,
0.0000

■ 78.1979, 65.3002,
32.2893

■ 1.4388, 0.5135,
0.0000

■ 101.8271, 86.7644,
46.5003

■ 0.2836, 0.0000,
0.0000

■ 129.7929,
112.4814, 64.3675

■ 0.0000, 0.0000,
0.0000

■ 162.4607,

142.8357, 86.3094

200.1958,
178.2116, 112.7446

19.7398, 14.2845,
3.6362

19.7398, 14.2845,
3.6362

18.7412, 12.6417,
2.2114

21.0166, 16.2820,
5.7765

17.9896, 11.3264,
1.3817

22.5929, 18.6527,
8.7130

17.8017, 10.9944,
1.1839

24.4891, 21.4163,
12.5161

26.7229, 24.5906,
17.2481

29.3110, 28.1920,
22.9658

■ 32.2687, 32.2360,
29.7210

■ 35.6105, 36.7374,
37.5622

■ 39.3500, 41.7102,
46.5347

■ 43.5000, 47.1678,
56.6811

Harmonies

Analogous

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



22.9869, 14.2845, 9.0083



19.7398, 14.2845, 3.6362



15.1964, 14.2845, 1.9605

Triad

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



19.7398, 14.2845, 3.6362



6.9660, 14.2845, 11.5021



16.4731, 14.2845, 50.3852

Complementary

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



19.7398, 14.2845, 3.6362



16.0744, 19.2975, 40.9077

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.



12.0769, 14.2845, 52.3466



19.7398, 14.2845, 3.6362



7.1658, 14.2845, 24.6835

Square

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



19.7398, 14.2845, 3.6362



8.2329, 14.2845, 4.6325



8.8523, 14.2845, 41.2285



20.8426, 14.2845, 36.7711

Rectangle

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



19.7398, 14.2845, 3.6362



12.3055, 14.2845, 1.9295



8.8523, 14.2845, 41.2285



14.9332, 14.2845, 52.6256

Sweetspot

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



19.7401, 14.2853, 3.6364



55.0570, 53.7290, 45.9093



21.3795, 11.6277, 22.4839



11.8728, 11.4250, 9.3217



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



19.7401, 14.2853, 3.6364



33.0597, 21.2974, 2.9299



26.8867, 28.5785, 6.0186



7.7110, 7.9021, 7.9081



13.1394, 8.1760, 0.8856



0.3643, 0.2882, 0.0364

Inverse Universe

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



16.0744, 19.2975, 40.9077



25.8974, 30.3679, 73.4985



9.9942, 7.1373, 38.8810



7.5513, 8.1396, 9.5914



10.1612, 11.7826, 29.7142



0.2892, 0.3706, 0.7369

Previews

White Background



This preview shows how the XYZ color 19.7398, 14.2845, 3.6362 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 19.7398, 14.2845, 3.6362 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 19.7398, 14.2845, 3.6362

Background



This preview shows how black text looks on a background with the XYZ color 19.7398, 14.2845, 3.6362.



This preview shows how white text looks on a background with the XYZ color 19.7398, 14.2845,

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

19.7398, 14.2845, 3.6362

Protanopia

13.1383, 14.3649, 4.7696

Deuteranopia

14.6011, 14.4037, 3.4495



Tritanopia

20.9773, 14.3820, 9.2598

Trichromacy



Original Color

19.7398, 14.2845, 3.6362

Protanomaly

14.9540, 13.8660, 4.2711

Deuteranomaly

16.0718, 14.0610, 3.4571

Tritanomaly

20.3332, 14.2085, 6.6719

Monochromacy



Original Color

19.7398, 14.2845, 3.6362

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

14.1664, 13.0819, 9.1756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7398, 14.2845, 3.6362 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(170, 79, 39)` looks like.

```
.text, #text, p{  
    color:rgb(170, 79, 39)  
}
```

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(170, 79, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 79, 39) }
```

Border

The CSS property to change the border of an element to XYZ 19.7398, 14.2845, 3.6362 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(170, 79, 39) }
```


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

```
.border{ border-color:rgb(170, 79, 39) }
```

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

Here you see how a box with a 4 pixel rgb(170, 79, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 79, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 79, 39);  
box-shadow:4px 4px 4px 4px rgb(170, 79,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7398, 14.2845, 3.6362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 79, 39) }
```

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

```
.background{ background-color: rgb(170, 79,  
39) }
```

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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