

Converting Colors

XYZ(18.3080, 13.8957, 2.6945)

Have a look what the booklet for
XYZ(18.3080, 13.8957, 2.6945)
contains.

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Color

**XYZ(18.3080, 13.8957,
2.6945)**

Conversions

Conversions Part 1

Format	Color
Hex	A3521A
RGB	163, 82, 26
RGB Percent	64%, 32%, 10%
CMY	0.3608, 0.6784, 0.8980
CMYK	0.00, 0.50, 0.84, 0.36
HSL	25°, 72%, 37%
HSV	25°, 84%, 64%
XYZ	18.3080, 13.8957, 2.6945
YIQ	99.8350, 66.2520, -0.2440

Conversions

Conversions Part 2

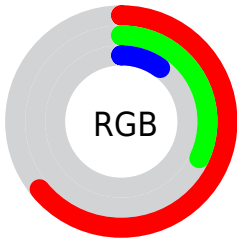
Format	Color
RYB	163, 121, 26
Decimal	10703386
CIELab	44.08, 29.78, 45.31
CIELCh	44, 54.221, 56.683
Yxy	13.8957, 0.5246, 0.3982
Android (android.graphics.Color)	4288893466 (0xFFA3521A)
YUV	99.8350, -36.4007, 55.3957
Hunter-Lab	37.2769, 22.4329, 21.8082

Details

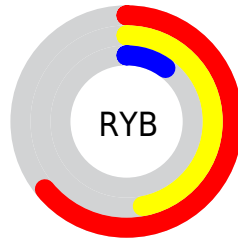
The XYZ color **18.3080, 13.8957, 2.6945** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **12.2942, 13.3786, 36.5844**, and the grayscale version is **12.1495, 12.7822, 13.9198**.

A 20% lighter version of the original color is **40.0890, 32.9710, 10.9077**, and **6.3977, 4.1473, 0.4633** is the 20% darker color. If you saturate the color by 10%, you get **17.4986, 12.4903, 1.7672**, and if you desaturate by 10%, it is **19.3237, 15.5482, 4.2016**.

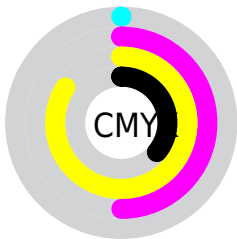
Distribution



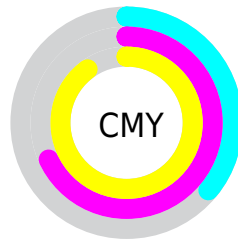
- Red (64%)
- Green (32%)
- Blue (10%)



- Red (64%)
- Yellow (47%)
- Blue (10%)



- Cyan (0%)
- Magenta (50%)
- Yellow (84%)
- Black (36%)



- Cyan (36%)
- Magenta (68%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3080, 13.8957, 2.6945 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 18.3080, 13.8957, 2.6945 by changing the saturation by 10% instead.

■ 18.3080, 13.8957,
2.6945

■ 18.3080, 13.8957,
2.6945

235.6136,
216.5810, 132.3692

■ 11.2724, 8.0482,
0.9407

■ 40.0874, 32.9038,
10.8648

■ 6.3190, 4.1258,
0.0000

■ 55.5619, 46.8332,
18.1185

■ 3.0825, 1.7442,
0.0000

■ 74.5801, 64.2254,
28.0427

■ 1.1975, 0.4520,
0.0000

■ 97.5073, 85.4647,
41.0559

■ 0.1044, 0.0000,
0.0000

■ 124.7089,
110.9355, 57.5766

■ 0.0000, 0.0000,
0.0000

■ 156.5503,

141.0222, 78.0233

193.3967,
176.1092, 102.8147

18.3080, 13.8957,
2.6945

18.3080, 13.8957,
2.6945

17.4986, 12.4903,
1.7672

19.3237, 15.5482,
4.2016

17.0895, 11.7572,
1.3687

20.5641, 17.4597,
6.3700

22.0460, 19.6436,
9.2687

23.7842, 22.1114,
12.9576

25.7922, 24.8741,
17.4906

■ 28.0823, 27.9419,
22.9164

■ 30.6660, 31.3243,
29.2802

■ 33.5541, 35.0307,
36.6242

■ 36.7569, 39.0697,
44.9879

Harmonies

Analogous

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



22.0925, 13.8957, 6.7727



18.3080, 13.8957, 2.6945



13.6933, 13.8957, 1.6469

Triad

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



18.3080, 13.8957, 2.6945



6.5362, 13.8957, 13.7966



17.2937, 13.8957, 47.8327

Complementary

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



18.3080, 13.8957, 2.6945



12.2942, 13.3786, 36.5844

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.



12.7332, 13.8957, 53.3999



18.3080, 13.8957, 2.6945



7.0955, 13.8957, 28.5024

Square

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



18.3080, 13.8957, 2.6945



7.4174, 13.8957, 5.4727



9.1549, 13.8957, 44.9323



21.4230, 13.8957, 32.2906

Rectangle

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



18.3080, 13.8957, 2.6945



10.9663, 13.8957, 1.8757



9.1549, 13.8957, 44.9323



15.7349, 13.8957, 51.2048

Sweetspot

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



18.3083, 13.8965, 2.6947



49.6814, 49.2303, 39.5655



18.1910, 9.6123, 15.1400



10.8427, 10.6362, 8.1327



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



18.3083, 13.8965, 2.6947



30.4201, 20.6841, 2.3891



26.0855, 29.4509, 5.2871



7.3004, 7.5393, 7.4505



13.3244, 9.2226, 1.0779



0.3259, 0.2856, 0.0379

Inverse Universe

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



12.2942, 13.3786, 36.5844



19.1896, 19.4359, 64.7962



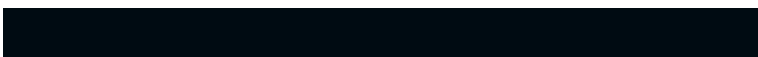
7.7856, 4.3615, 35.0816



7.0321, 7.5232, 8.9846



8.4603, 8.6999, 28.1631



0.2226, 0.2724, 0.6067

Previews

White Background



This preview shows how the XYZ color 18.3080, 13.8957, 2.6945 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 18.3080, 13.8957, 2.6945 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 18.3080, 13.8957, 2.6945

Background



This preview shows how black text looks on a background with the XYZ color 18.3080, 13.8957, 2.6945.



This preview shows how white text looks on a background with the XYZ color 18.3080, 13.8957,

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

18.3080, 13.8957, 2.6945

Protanopia

12.7835, 14.0590, 3.4064

Deuteranopia

14.0787, 13.8697, 2.4654



Tritanopia

19.6939, 13.9163, 9.6308

Trichromacy



Original Color

18.3080, 13.8957, 2.6945

Protanomaly

14.3406, 13.7115, 3.1190

Deuteranomaly

15.3683, 13.7188, 2.4998

Tritanomaly

18.9753, 13.8323, 6.2272

Monochromacy



Original Color

18.3080, 13.8957, 2.6945

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

13.2853, 12.5207, 8.0199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3080, 13.8957, 2.6945 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(163, 82, 26)` looks like.

```
.text, #text, p{  
    color:rgb(163, 82, 26)  
}
```

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(163, 82, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 82, 26) }
```

Border

The CSS property to change the border of an element to XYZ 18.3080, 13.8957, 2.6945 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(163, 82, 26) }
```


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

```
.border{ border-color:rgb(163, 82, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 82, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 82, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 82, 26);  
box-shadow:4px 4px 4px 4px rgb(163, 82,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3080, 13.8957, 2.6945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 82, 26) }
```

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

```
.background{ background-color: rgb(163, 82,  
26) }
```

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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