

Converting Colors

XYZ(13.6419, 10.6335, 2.2395)

Have a look what the booklet for
XYZ(13.6419, 10.6335, 2.2395)
contains.

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Color

**XYZ(13.6088, 10.6305,
2.2543)**

Conversions

Conversions Part 1

Format	Color
Hex	8D4A19
RGB	141, 74, 25
RGB Percent	55%, 29%, 10%
CMY	0.4471, 0.7098, 0.9020
CMYK	0.00, 0.48, 0.82, 0.45
HSL	25°, 70%, 33%
HSV	25°, 82%, 55%
XYZ	13.6088, 10.6305, 2.2543
YIQ	88.4470, 55.6610, -1.0350

Conversions

Conversions Part 2

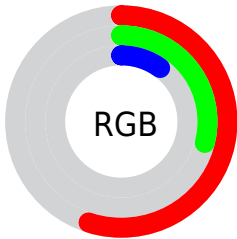
Format	Color
R_{YB}	141, 110, 25
Decimal	9259545
CIE Lab	38.95, 24.72, 39.83
CIE LCh	39, 46.872, 58.174
Yxy	10.6305, 0.5137, 0.4012
Android (android.graphics.Color)	4287449625 (0xFF8D4A19)
YUV	88.4470, -31.2794, 46.0890
Hunter-Lab	32.6044, 17.4465, 18.7238

Details

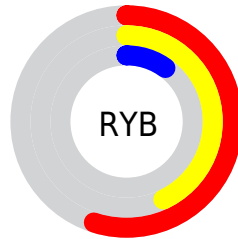
The XYZ color **13.6088, 10.6305, 2.2543** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **9.0355, 9.7834, 26.6114**, and the grayscale version is **9.4320, 9.9232, 10.8063**.

A 20% lighter version of the original color is **31.9305, 27.0253, 9.6644**, and **4.1616, 2.7618, 0.3137** is the 20% darker color. If you saturate the color by 10%, you get **12.9844, 9.5669, 1.4758**, and if you desaturate by 10%, it is **14.3808, 11.8668, 3.4608**.

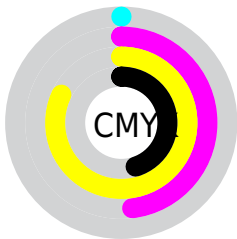
Distribution



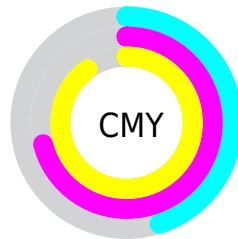
- Red (55%)
- Green (29%)
- Blue (10%)



- Red (55%)
- Yellow (43%)
- Blue (10%)



- Cyan (0%)
- Magenta (48%)
- Yellow (82%)
- Black (45%)



- Cyan (45%)
- Magenta (71%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6088, 10.6305, 2.2543 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 13.6088, 10.6305, 2.2543 by changing the saturation by 10% instead.

■ 13.6088, 10.6305,
2.2543

■ 13.6088, 10.6305,
2.2543

208.3431,
195.1147, 126.2084

■ 7.9290, 5.8190,
0.7054

■ 31.9854, 26.9748,
9.7251

■ 4.1009, 2.7353,
0.0000

■ 45.4128, 39.2764,
16.5065

■ 1.7594, 0.9952,
0.0000

■ 62.1535, 54.8435,
25.8767

■ 0.4930, 0.0000,
0.0000


■ 82.5728, 74.0604,
38.2543


■ 0.0000, 0.0000,
0.0000


■ 107.0360, 97.3116,
54.0577


■ 135.9086,


124.9815, 73.7055

 169.5558,
157.4544, 97.6162


 13.6088, 10.6305,
2.2543


 13.6088, 10.6305,
2.2543

 12.9844, 9.5669,
1.4758


 14.3808, 11.8668,
3.4608

 12.5776, 8.8491,
1.0451

 15.3125, 13.2832,
5.1493

 16.4151, 14.8886,
7.3663

 17.6986, 16.6905,
10.1524

 19.1719, 18.6962,
13.5445

■ 20.8435, 20.9123,
17.5761

■ 22.7212, 23.3453,
22.2783

■ 24.8122, 26.0013,
27.6802

■ 27.1236, 28.8860,
33.8092

Harmonies

Analogous

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



16.3678, 10.6305, 5.2108



13.6088, 10.6305, 2.2543



10.2963, 10.6305, 1.4953

Triad

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



13.6088, 10.6305, 2.2543



5.2162, 10.6305, 11.0360



13.2090, 10.6305, 34.2831

Complementary

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



13.6088, 10.6305, 2.2543



9.0355, 9.7834, 26.6114

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.



9.9140, 10.6305, 38.6352



13.6088, 10.6305, 2.2543



5.6850, 10.6305, 21.7282

Square

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



13.6088, 10.6305, 2.2543



5.8162, 10.6305, 4.6735



7.2594, 10.6305, 33.1665



16.1056, 10.6305, 23.2031

Rectangle

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



13.6088, 10.6305, 2.2543



8.3461, 10.6305, 1.7227



7.2594, 10.6305, 33.1665



12.0928, 10.6305, 36.7714

Sweetspot

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



13.6090, 10.6311, 2.2545



36.3095, 36.1119, 28.9876



13.2932, 7.1424, 10.9568



7.9037, 7.7925, 5.9769



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



13.6090, 10.6311, 2.2545



22.4503, 15.6826, 1.8965



19.3211, 22.0552, 4.1585



5.5844, 5.7751, 5.7098



11.4836, 8.0989, 0.9580



0.1308, 0.1195, 0.0162

Inverse Universe

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



9.0355, 9.7834, 26.6114



13.8711, 13.9324, 47.0860



5.7999, 3.3124, 25.5329



5.3719, 5.7396, 6.8535



7.1121, 7.2102, 23.9939



0.0899, 0.1127, 0.2367

Previews

White Background



This preview shows how the XYZ color 13.6088, 10.6305, 2.2543 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 13.6088, 10.6305, 2.2543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

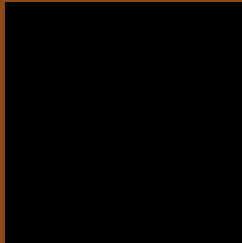
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.6088, 10.6305, 2.2543

Background



This preview shows how black text looks on a background with the XYZ color 13.6088, 10.6305, 2.2543.



This preview shows how white text looks on a background with the XYZ color 13.6088, 10.6305,

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

13.6088, 10.6305, 2.2543

Protanopia

9.7422, 10.8060, 2.8006

Deuteranopia

10.8097, 10.7395, 2.1193



Tritanopia

14.6918, 10.5903, 7.7484

Trichromacy



Original Color

13.6088, 10.6305, 2.2543

Protanomaly

10.8735, 10.5213, 2.5563

Deuteranomaly

11.6861, 10.6006, 2.1397

Tritanomaly

14.1224, 10.5428, 5.0320

Monochromacy



Original Color

13.6088, 10.6305, 2.2543

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

10.1108, 9.6940, 6.3393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6088, 10.6305, 2.2543 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(141, 74, 25)` looks like.

```
.text, #text, p{  
    color:rgb(141, 74, 25)  
}
```

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(141, 74, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 74, 25) }
```

Border

The CSS property to change the border of an element to XYZ 13.6088, 10.6305, 2.2543 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(141, 74, 25) }
```


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

```
.border{ border-color:rgb(141, 74, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 74, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 74, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 74, 25);  
box-shadow:4px 4px 4px 4px rgb(141, 74,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6088, 10.6305, 2.2543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 74, 25) }
```

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

```
.background{ background-color: rgb(141, 74,  
25) }
```

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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