

Converting Colors

XYZ(13.1942, 13.5631, 2.0948)

Have a look what the booklet for
XYZ(13.1942, 13.5631, 2.0948)
contains.

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Color

**XYZ(13.1942, 13.5631,
2.0948)**

Conversions

Conversions Part 1

Format	Color
Hex	7E6406
RGB	126, 100, 6
RGB Percent	49%, 39%, 2%
CMY	0.5059, 0.6078, 0.9765
CMYK	0.00, 0.21, 0.95, 0.51
HSL	47°, 91%, 26%
HSV	47°, 95%, 49%
XYZ	13.1942, 13.5631, 2.0948
YIQ	97.0580, 45.6700, -23.7220

Conversions

Conversions Part 2

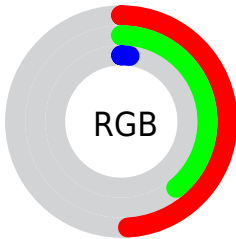
Format	Color
RYB	39, 126, 6
Decimal	8283142
CIELab	43.60, 2.00, 49.17
CIELCh	44, 49.208, 87.675
Yxy	13.5631, 0.4573, 0.4701
Android (android.graphics.Color)	4286473222 (0xFF7E6406)
YUV	97.0580, -44.8916, 25.3821
Hunter-Lab	36.8281, -0.4990, 22.4072

Details

The XYZ color **13.1942, 13.5631, 2.0948** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.3575, 2.5781, 20.0064**, and the grayscale version is **11.4760, 12.0737, 13.1482**.

A 20% lighter version of the original color is **31.0950, 32.1167, 9.2629**, and **4.0668, 4.0548, 0.5683** is the 20% darker color. If you saturate the color by 10%, you get **13.0378, 13.3030, 1.8806**, and if you desaturate by 10%, it is **13.5420, 14.1288, 2.6119**.

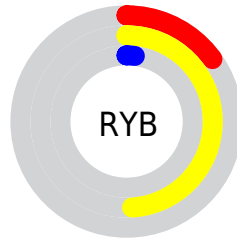
Distribution



Red (49%)

Green (39%)

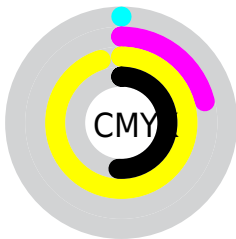
Blue (2%)



Red (15%)

Yellow (49%)

Blue (2%)

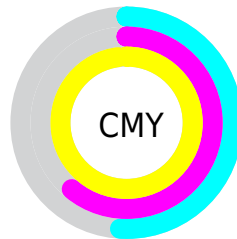


Cyan (0%)

Magenta (21%)

Yellow (95%)

Black (51%)



Cyan (51%)

Magenta (61%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.1942, 13.5631, 2.0948 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 13.1942, 13.5631, 2.0948 by changing the saturation by 10% instead.

■ 13.1942, 13.5631,
2.0948

■ 13.1942, 13.5631,
2.0948

205.7711,
214.4956, 123.8319

■ 7.6403, 7.8174,
0.6127

■ 31.2506, 32.3118,
9.2984

■ 3.9155, 3.9783,
0.0000

■ 44.4838, 46.0836,
15.8979

■ 1.6545, 1.6615,
0.0000

■ 61.0075, 63.2995,
25.0541

■ 0.4275, 0.3985,
0.0000

■ 81.1871, 84.3441,
37.1853

■ 0.0000, 0.0000,
0.0000

■ 105.3879,
109.6015, 52.7101

■ 133.9753,

139.4564, 72.0471

167.3145,
174.2929, 95.6149

13.1942, 13.5631,
2.0948

13.1942, 13.5631,
2.0948

13.0378, 13.3030,
1.8806

13.5420, 14.1288,
2.6119

13.9530, 14.7333,
3.4189

14.4379, 15.3817,
4.5716

15.0038, 16.0770,
6.1058

15.6565, 16.8215,
8.0526

■ 16.4015, 17.6177,
10.4400

■ 17.2437, 18.4675,
13.2935

■ 18.1876, 19.3730,
16.6366

■ 19.2375, 20.3359,
20.4915

Harmonies

Analogous

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



17.2721, 13.5631, 3.1161



13.1942, 13.5631, 2.0948



9.7477, 13.5631, 2.8209

Triad

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



13.1942, 13.5631, 2.0948



7.3808, 13.5631, 26.9757



20.2191, 13.5631, 29.2653

Complementary

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



13.1942, 13.5631, 2.0948



4.3575, 2.5781, 20.0064

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.



16.6471, 13.5631, 42.6509



13.1942, 13.5631, 2.0948



9.3220, 13.5631, 40.9290

Square

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



13.1942, 13.5631, 2.0948



6.8158, 13.5631, 13.9238



12.5931, 13.5631, 47.7267



21.8002, 13.5631, 15.6455

Rectangle

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



13.1942, 13.5631, 2.0948



8.1534, 13.5631, 4.5937



12.5931, 13.5631, 47.7267



19.1805, 13.5631, 34.1545

Sweetspot

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



13.1945, 13.5638, 2.0951



29.6727, 31.8307, 21.0640



8.9300, 4.6702, 1.7975



6.6327, 7.1217, 4.3980



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.1945, 13.5638, 2.0951



22.8441, 23.2054, 3.2751



11.9074, 17.2101, 2.8667



4.5888, 4.8663, 4.6176



13.3726, 13.6415, 1.9283



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.3575, 2.5781, 20.0064



7.2403, 3.8746, 35.1106



4.7062, 2.0879, 19.8934



4.1786, 4.3512, 5.4329



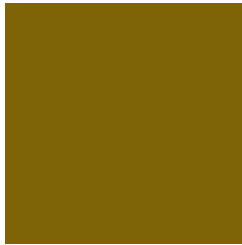
4.2698, 2.3581, 20.4801



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.1942, 13.5631, 2.0948 looks on a white background.

Color Contrast Check

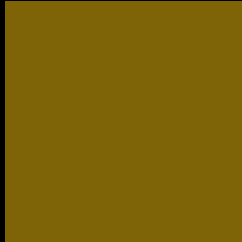
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.1942, 13.5631, 2.0948 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 13.1942, 13.5631, 2.0948

Background



This preview shows how black text looks on a background with the XYZ color 13.1942, 13.5631, 2.0948.



This preview shows how white text looks on a background with the XYZ color 13.1942, 13.5631,

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

13.1942, 13.5631, 2.0948

Protanopia

12.3303, 13.7001, 2.2242

Deuteranopia

13.7825, 13.5826, 2.1824



Tritanopia

15.5747, 13.5741, 13.8558

Trichromacy



Original Color

13.1942, 13.5631, 2.0948

Protanomaly

12.6343, 13.7089, 2.1812

Deuteranomaly

13.5644, 13.6105, 2.1706

Tritanomaly

14.2195, 13.4262, 6.9963

Monochromacy



Original Color

13.1942, 13.5631, 2.0948

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.4774, 12.2937, 6.6185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1942, 13.5631, 2.0948 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(126, 100, 6)` looks like.

```
.text, #text, p{  
    color:rgb(126, 100, 6)  
}
```

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(126, 100, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 100, 6) }
```

Border

The CSS property to change the border of an element to XYZ 13.1942, 13.5631, 2.0948 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(126, 100, 6) }
```


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

```
.border{ border-color:rgb(126, 100, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 100, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 100, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 100, 6);  
box-shadow:4px 4px 4px 4px rgb(126, 100,  
6) }
```

Background

The CSS property to change the background color of an element to XYZ 13.1942, 13.5631, 2.0948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 100, 6) }
```

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

```
.background{ background-color: rgb(126,  
100, 6) }
```

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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