

Converting Colors

XYZ(13.4455, 14.8692, 3.1983)

Have a look what the booklet for
XYZ(13.4455, 14.8692, 3.1983)
contains.

XYZ(13.4455, 14.8692, 3.1983)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(13.4455, 14.8692,
3.1983)**

Conversions

Conversions Part 1

Format	Color
Hex	796C1B
RGB	121, 108, 27
RGB Percent	47%, 42%, 11%
CMY	0.5255, 0.5765, 0.8941
CMYK	0.00, 0.11, 0.78, 0.53
HSL	52°, 64%, 29%
HSV	52°, 78%, 47%
XYZ	13.4455, 14.8692, 3.1983
YIQ	102.6530, 33.7490, -22.4350

Conversions

Conversions Part 2

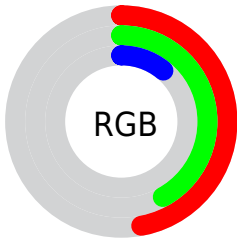
Format	Color
R_{YB}	42, 121, 27
Decimal	7957531
CIE Lab	45.45, -4.37, 44.25
CIE LCh	45, 44.462, 95.634
Yxy	14.8692, 0.4267, 0.4718
Android (android.graphics.Color)	4286147611 (0xFF796C1B)
YUV	102.6530, -37.2969, 16.0903
Hunter-Lab	38.5606, -5.2408, 22.0748

Details

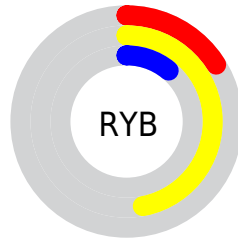
The XYZ color **13.4455, 14.8692, 3.1983** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.6620, 3.1310, 18.4475**, and the grayscale version is **12.8899, 13.5612, 14.7681**.

A 20% lighter version of the original color is **31.6422, 34.5622, 12.0246**, and **4.1230, 4.6027, 0.6711** is the 20% darker color. If you saturate the color by 10%, you get **13.1588, 14.4755, 2.5488**, and if you desaturate by 10%, it is **13.7940, 15.2942, 4.1535**.

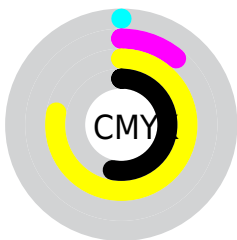
Distribution



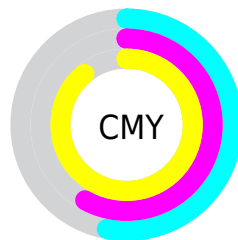
- Red (47%)
- Green (42%)
- Blue (11%)



- Red (16%)
- Yellow (47%)
- Blue (11%)



- Cyan (0%)
- Magenta (11%)
- Yellow (78%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4455, 14.8692, 3.1983 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 13.4455, 14.8692, 3.1983 by changing the saturation by 10% instead.

■ 13.4455, 14.8692,
3.1983

■ 13.4455, 14.8692,
3.1983

207.3338,
222.5732, 138.8475

■ 7.8151, 8.7276,
1.1968

■ 31.6964, 34.6236,
12.1140

■ 4.0277, 4.5640,
0.0000

■ 45.0477, 49.0051,
19.8652

■ 1.7178, 1.9938,
0.0000

■ 61.7033, 66.9022,
30.3700

■ 0.4674, 0.6038,
0.0000

■ 82.0286, 88.6991,
44.0470

■ 0.0000, 0.0000,
0.0000

■ 106.3889,
114.7802, 61.3147

■ 135.1497,

145.5300, 82.5917

168.6762,
181.3329, 108.2964

13.4455, 14.8692,
3.1983

13.4455, 14.8692,
3.1983

13.1588, 14.4755,
2.5488

13.7940, 15.2942,
4.1535

12.9172, 14.1046,
2.1221

14.2097, 15.7510,
5.4468

12.8626, 14.0200,
2.0282

14.6983, 16.2424,
7.1075

15.2649, 16.7705,
9.1616

15.9138, 17.3371,
11.6325

■ 16.6493, 17.9438,
14.5419

■ 17.4752, 18.5923,
17.9101

■ 18.3951, 19.2841,
21.7560

■ 19.4124, 20.0204,
26.0973

Harmonies

Analogous

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



17.2767, 14.8692, 3.8167



13.4455, 14.8692, 3.1983



10.3788, 14.8692, 4.6324

Triad

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



13.4455, 14.8692, 3.1983



9.1019, 14.8692, 31.2038



21.6571, 14.8692, 26.1382

Complementary

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



13.4455, 14.8692, 3.1983



4.6620, 3.1310, 18.4475

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.



18.6975, 14.8692, 39.0466



13.4455, 14.8692, 3.1983



11.3954, 14.8692, 42.7568

Square

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



13.4455, 14.8692, 3.1983



8.1677, 14.8692, 18.2746



14.8430, 14.8692, 46.1217



22.4637, 14.8692, 14.2704

Rectangle

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



13.4455, 14.8692, 3.1983



9.0347, 14.8692, 7.1953



14.8430, 14.8692, 46.1217



20.8585, 14.8692, 30.6349

Sweetspot

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



13.4458, 14.8699, 3.1986



29.0199, 31.4841, 22.8746



8.6791, 5.0097, 2.6167



6.5488, 7.1265, 4.8903



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



13.4458, 14.8699, 3.1986



23.2368, 25.4151, 3.9995



11.0692, 15.8333, 3.5098



4.2628, 4.5440, 4.2769



13.7785, 15.0129, 2.1716



65.2622, 70.6878, 10.2044

Inverse Universe

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



4.6620, 3.1310, 18.4475



6.8194, 3.5444, 32.7176



5.7007, 3.1221, 18.3910



3.8382, 3.9748, 5.0081



3.9032, 1.8889, 19.5442



18.2403, 8.2532, 93.1014

Previews

White Background



This preview shows how the XYZ color 13.4455, 14.8692, 3.1983 looks on a white background.

Color Contrast Check

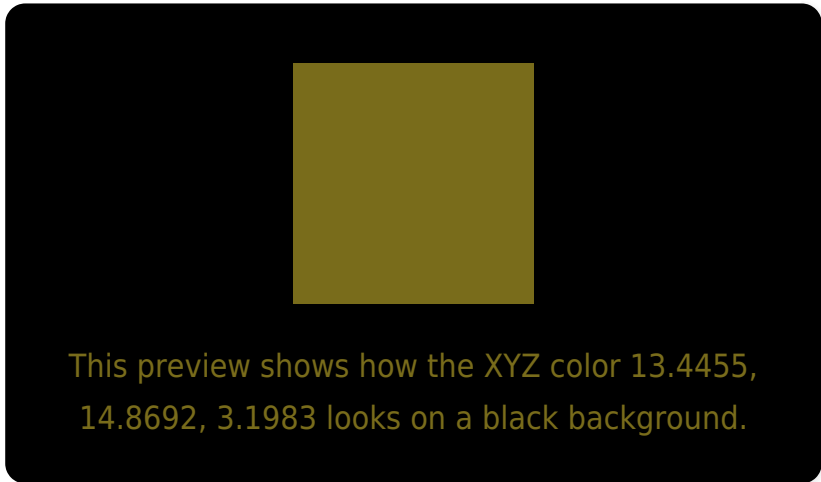
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

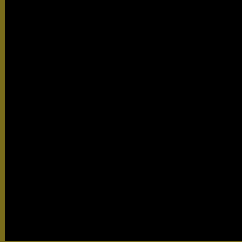
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.4455, 14.8692, 3.1983

Background



This preview shows how black text looks on a background with the XYZ color 13.4455, 14.8692, 3.1983.



This preview shows how white text looks on a background with the XYZ color 13.4455, 14.8692,

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

13.4455, 14.8692, 3.1983

Protanopia

13.4455, 14.8692, 3.1983

Deuteranopia

14.9774, 14.7474, 3.2854



Tritanopia

16.1664, 14.9235, 16.4965

Trichromacy



Original Color

13.4455, 14.8692, 3.1983

Protanomaly

13.4455, 14.8692, 3.1983

Deuteranomaly

14.3780, 14.7352, 3.2488

Tritanomaly

14.8190, 14.8251, 9.4776

Monochromacy



Original Color

13.4455, 14.8692, 3.1983

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.7520, 13.9261, 8.6725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4455, 14.8692, 3.1983 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(121, 108, 27)` looks like.

```
.text, #text, p{  
    color:rgb(121, 108, 27)  
}
```

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(121, 108, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 108, 27) }
```

Border

The CSS property to change the border of an element to XYZ 13.4455, 14.8692, 3.1983 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(121, 108, 27) }
```


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

```
.border{ border-color:rgb(121, 108, 27) }
```

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

Here you see how a box with a 4 pixel rgb(121, 108, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 108, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 108, 27);  
box-shadow:4px 4px 4px 4px rgb(121, 108,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4455, 14.8692, 3.1983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 108, 27) }
```

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

```
.background{ background-color: rgb(121,  
108, 27) }
```

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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