

Converting Colors

XYZ(13.6899, 11.1480, 6.9352)

Have a look what the booklet for
XYZ(13.6899, 11.1480, 6.9352)
contains.

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Color

**XYZ(13.7436, 11.2230,
6.9107)**

Conversions

Conversions Part 1

Format	Color
Hex	865044
RGB	134, 80, 68
RGB Percent	53%, 31%, 27%
CMY	0.4745, 0.6863, 0.7333
CMYK	0.00, 0.40, 0.49, 0.47
HSL	11°, 33%, 40%
HSV	11°, 49%, 53%
XYZ	13.7436, 11.2230, 6.9107
YIQ	94.7780, 36.0360, 7.7160

Conversions

Conversions Part 2

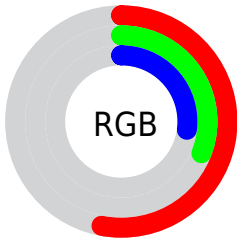
Format	Color
R_{YB}	134, 83, 68
Decimal	8802372
CIE _{Lab}	39.95, 21.26, 16.69
CIE _{LCh}	40, 27.029, 38.143
Yxy	11.2230, 0.4311, 0.3521
Android (android.graphics.Color)	4286992452 (0xFF865044)
YUV	94.7780, -13.2016, 34.3977
Hunter-Lab	33.5007, 14.6029, 11.2199

Details

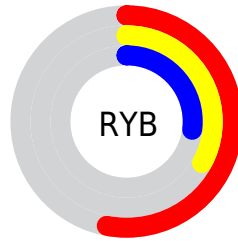
The XYZ color **13.7436, 11.2230, 6.9107** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.6462, 16.8686, 25.0911**, and the grayscale version is **10.8489, 11.4139, 12.4297**.

A 20% lighter version of the original color is **32.1213, 28.0450, 20.2433**, and **4.1408, 2.9636, 1.2735** is the 20% darker color. If you saturate the color by 10%, you get **12.6422, 9.6016, 4.7514**, and if you desaturate by 10%, it is **15.0701, 13.1449, 9.6065**.

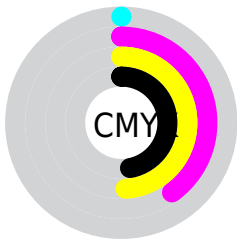
Distribution



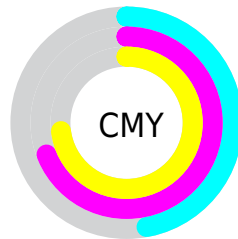
- Red (53%)
- Green (31%)
- Blue (27%)



- Red (53%)
- Yellow (33%)
- Blue (27%)



- Cyan (0%)
- Magenta (40%)
- Yellow (49%)
- Black (47%)



- Cyan (47%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7436, 11.2230, 6.9107 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 13.7436, 11.2230, 6.9107 by changing the saturation by 10% instead.

■ 13.7436, 11.2230,
6.9107

■ 13.7436, 11.2230,
6.9107

209.1726,
199.1911, 176.5223

■ 8.0231, 6.2170,
3.3287

■ 32.2235, 28.0718,
20.3031

■ 4.1616, 2.9775,
1.2648

■ 45.7135, 40.6834,
30.9507

■ 1.7940, 1.1200,
0.0327

■ 62.5241, 56.5991,
44.7905

■ 0.5140, 0.0000,
0.0000

■ 83.0206, 76.2031,
62.2411

■ 0.0000, 0.0000,
0.0000

■ 107.5683, 99.8799,
83.7210

136.5326,

128.0139, 109.6488

170.2789,
160.9896, 140.4431

■ 13.7436, 11.2230,
6.9107

■ 13.7436, 11.2230,
6.9107

■ 12.6422, 9.6016,
4.7514

■ 15.0701, 13.1449,
9.6065

■ 11.7523, 8.2638,
3.0919

■ 16.6325, 15.3799,
12.8710

■ 11.0599, 7.1934,
1.8917

■ 18.4422, 17.9417,
16.7345

■ 10.5490, 6.3721,
1.1038

■ 20.5093, 20.8428,
21.2250

■ 10.1887, 5.7739,
0.6062

■ 22.8435, 24.0950,
26.3687

■ 10.1659, 5.7370,
0.5715

■ 25.4539, 27.7097,
32.1905

■ 28.3493, 31.6976,
38.7137

■ 31.5379, 36.0689,
45.9606

■ 35.0278, 40.8335,
53.9527

Harmonies

Analogous

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



14.6257, 11.2230, 10.8221



13.7436, 11.2230, 6.9107



12.0588, 11.2230, 4.9512

Triad

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



13.7436, 11.2230, 6.9107



7.6728, 11.2230, 8.7811



11.1832, 11.2230, 25.4680

Complementary

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



13.7436, 11.2230, 6.9107



13.6462, 16.8686, 25.0911

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.



9.3869, 11.2230, 24.4463



13.7436, 11.2230, 6.9107



7.4962, 11.2230, 13.7332

Square

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



13.7436, 11.2230, 6.9107



8.6019, 11.2230, 5.7912



8.0879, 11.2230, 19.7246



13.0390, 11.2230, 22.2085

Rectangle

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



13.7436, 11.2230, 6.9107



10.7838, 11.2230, 4.5606



8.0879, 11.2230, 19.7246



10.5513, 11.2230, 25.6285

Sweetspot

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



13.7439, 11.2236, 6.9109



33.8671, 33.5443, 32.4542



15.4739, 10.6327, 19.9757



7.4871, 7.3565, 7.0024



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



13.7439, 11.2236, 6.9109



22.0934, 16.6479, 8.0260



16.6692, 17.0741, 7.8860



4.7361, 4.8157, 4.9093



9.5331, 5.3888, 0.5377



0.0370, 0.0265, 0.0032

Inverse Universe

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



13.6462, 16.8686, 25.0911



21.8741, 27.7500, 43.9418



10.3432, 10.2626, 23.9901



4.7316, 5.1387, 5.9432



9.2278, 12.0034, 22.9672



0.0366, 0.0509, 0.0811

Previews

White Background



This preview shows how the XYZ color 13.7436, 11.2230, 6.9107 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 13.7436, 11.2230, 6.9107 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 13.7436, 11.2230, 6.9107

Background



This preview shows how black text looks on a background with the XYZ color 13.7436, 11.2230, 6.9107.



This preview shows how white text looks on a background with the XYZ color 13.7436, 11.2230,

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

13.7436, 11.2230, 6.9107

Protanopia

10.6056, 11.2665, 8.0942

Deuteranopia

11.5345, 11.3862, 6.7441



Tritanopia

14.3163, 11.2398, 9.8024

Trichromacy



Original Color

13.7436, 11.2230, 6.9107

Protanomaly

11.5521, 11.1233, 7.6690

Deuteranomaly

12.3065, 11.2866, 6.8401

Tritanomaly

14.1628, 11.2929, 8.6410

Monochromacy



Original Color

13.7436, 11.2230, 6.9107

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.6025, 11.2194, 10.1484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7436, 11.2230, 6.9107 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(134, 80, 68)` looks like.

```
.text, #text, p{  
    color:rgb(134, 80, 68)  
}
```

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(134, 80, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 80, 68) }
```

Border

The CSS property to change the border of an element to XYZ 13.7436, 11.2230, 6.9107 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(134, 80, 68) }
```


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

```
.border{ border-color:rgb(134, 80, 68) }
```

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

Here you see how a box with a 4 pixel rgb(134, 80, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 80, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 80, 68);  
box-shadow:4px 4px 4px 4px rgb(134, 80,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7436, 11.2230, 6.9107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 80, 68) }
```

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

```
.background{ background-color: rgb(134, 80,  
68) }
```

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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