

Converting Colors

XYZ(13.7043, 10.9922, 6.4118)

Have a look what the booklet for
XYZ(13.7043, 10.9922, 6.4118)
contains.

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Color

**XYZ(13.6702, 10.9813,
6.4001)**

Conversions

Conversions Part 1

Format	Color
Hex	874E41
RGB	135, 78, 65
RGB Percent	53%, 31%, 25%
CMY	0.4706, 0.6941, 0.7451
CMYK	0.00, 0.42, 0.52, 0.47
HSL	11°, 35%, 39%
HSV	11°, 52%, 53%
XYZ	13.6702, 10.9813, 6.4001
YIQ	93.5610, 38.1450, 8.0410

Conversions

Conversions Part 2

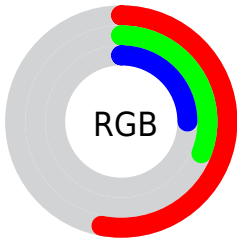
Format	Color
R_{YB}	135, 81, 65
Decimal	8867393
CIE _{Lab}	39.55, 22.53, 18.01
CIE _{LCh}	40, 28.847, 38.636
Yxy	10.9813, 0.4402, 0.3536
Android (android.graphics.Color)	4287057473 (0xFF874E41)
YUV	93.5610, -14.0806, 36.3420
Hunter-Lab	33.1380, 15.6437, 11.7457

Details

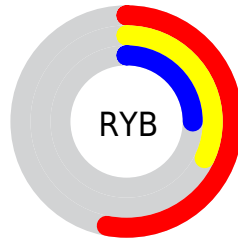
The XYZ color **13.6702, 10.9813, 6.4001** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.5123, 16.7914, 25.4506**, and the grayscale version is **10.5619, 11.1119, 12.1009**.

A 20% lighter version of the original color is **32.1857, 27.7070, 19.2744**, and **4.1410, 2.8848, 1.0976** is the 20% darker color. If you saturate the color by 10%, you get **12.6081, 9.4100, 4.3419**, and if you desaturate by 10%, it is **14.9569, 12.8522, 8.9946**.

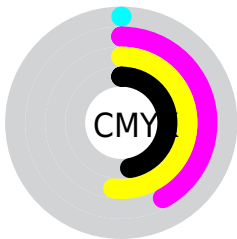
Distribution



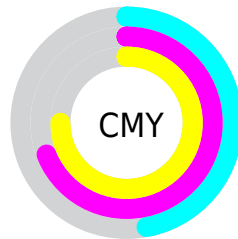
- Red (53%)
- Green (31%)
- Blue (25%)



- Red (53%)
- Yellow (32%)
- Blue (25%)



- Cyan (0%)
- Magenta (42%)
- Yellow (52%)
- Black (47%)



- Cyan (47%)
- Magenta (69%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6702, 10.9813, 6.4001 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 13.6702, 10.9813, 6.4001 by changing the saturation by 10% instead.

■ 13.6702, 10.9813,
6.4001

■ 13.6702, 10.9813,
6.4001

208.7213,
197.5392, 172.0188

■ 7.9718, 6.0543,
3.0172

■ 32.0939, 27.6256,
19.2477

■ 4.1286, 2.8781,
1.1034

■ 45.5499, 40.1116,
29.5494

■ 1.7751, 1.0684,
0.0000

■ 62.3224, 55.8861,
42.9945

■ 0.5026, 0.0000,
0.0000

■ 82.7769, 75.3335,
60.0014

■ 0.0000, 0.0000,
0.0000

■ 107.2787, 98.8380,
80.9888

■ 136.1931,

126.7843, 106.3751

169.8855,
159.5565, 136.5789

■ 13.6702, 10.9813,
6.4001

■ 13.6702, 10.9813,
6.4001

■ 12.6081, 9.4100,
4.3419

■ 14.9569, 12.8522,
8.9946

■ 11.7566, 8.1211,
2.7816

■ 16.4795, 15.0357,
12.1589

■ 11.1012, 7.0978,
1.6766

■ 18.2496, 17.5457,
15.9247

■ 10.6251, 6.3211,
0.9767

■ 20.2776, 20.3952,
20.3208

■ 10.3410, 5.8495,
0.5840

■ 22.5736, 23.5960,
25.3745

■ 25.1468, 27.1597,
31.1113

■ 28.0061, 31.0973,
37.5554

■ 31.1601, 35.4192,
44.7297

■ 34.6170, 40.1355,
52.6563

Harmonies

Analogous

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



14.6290, 10.9813, 10.4067



13.6702, 10.9813, 6.4001



11.8729, 10.9813, 4.4535

Triad

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



13.6702, 10.9813, 6.4001



7.3036, 10.9813, 8.4370



11.0142, 10.9813, 26.1349

Complementary

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



13.6702, 10.9813, 6.4001



13.5123, 16.7914, 25.4506

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.



9.1226, 10.9813, 25.1046



13.6702, 10.9813, 6.4001



7.1343, 10.9813, 13.6536

Square

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



13.6702, 10.9813, 6.4001



8.2547, 10.9813, 5.3473



7.7592, 10.9813, 20.0506



12.9744, 10.9813, 22.5374

Rectangle

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



13.6702, 10.9813, 6.4001



10.5275, 10.9813, 4.0816



7.7592, 10.9813, 20.0506



10.3479, 10.9813, 26.3365

Sweetspot

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



13.6705, 10.9819, 6.4003



34.6182, 34.1475, 32.6998



15.4052, 10.3408, 19.6506



7.8693, 7.7003, 7.2526



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



13.6705, 10.9819, 6.4003



22.3205, 16.4646, 7.2899



16.8324, 17.3057, 7.4543



4.7374, 4.8185, 4.9097



9.5435, 5.4096, 0.5412



0.0371, 0.0267, 0.0032

Inverse Universe

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



13.5123, 16.7914, 25.4506



21.9725, 27.9925, 45.2934



9.9749, 9.7166, 24.2714



4.7301, 5.1358, 5.9428



9.1755, 11.8988, 22.9498



0.0365, 0.0507, 0.0811

Previews

White Background



This preview shows how the XYZ color 13.6702, 10.9813, 6.4001 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 13.6702, 10.9813, 6.4001 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 13.6702, 10.9813, 6.4001

Background



This preview shows how black text looks on a background with the XYZ color 13.6702, 10.9813, 6.4001.



This preview shows how white text looks on a background with the XYZ color 13.6702, 10.9813,

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

13.6702, 10.9813, 6.4001

Protanopia

10.4279, 11.1826, 7.7397

Deuteranopia

11.2355, 11.1160, 6.2560



Tritanopia

14.2230, 10.9972, 9.1576

Trichromacy



Original Color

13.6702, 10.9813, 6.4001

Protanomaly

11.3740, 10.9198, 7.1385

Deuteranomaly

11.9989, 11.0188, 6.3449

Tritanomaly

14.0772, 11.0500, 8.0475

Monochromacy



Original Color

13.6702, 10.9813, 6.4001

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.3577, 10.8552, 9.6803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6702, 10.9813, 6.4001 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(135, 78, 65)` looks like.

```
.text, #text, p{  
    color:rgb(135, 78, 65)  
}
```

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(135, 78, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 78, 65) }
```

Border

The CSS property to change the border of an element to XYZ 13.6702, 10.9813, 6.4001 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(135, 78, 65) }
```


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

```
.border{ border-color:rgb(135, 78, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 78, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 78, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 78, 65);  
box-shadow:4px 4px 4px 4px rgb(135, 78,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6702, 10.9813, 6.4001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 78, 65) }
```

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

```
.background{ background-color: rgb(135, 78,  
65) }
```

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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