

Converting Colors

XYZ(13.2734, 14.7281, 8.2413)

Have a look what the booklet for
XYZ(13.2734, 14.7281, 8.2413)
contains.

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Color

**XYZ(13.2144, 14.6377,
8.2598)**

Conversions

Conversions Part 1

Format	Color
Hex	706C48
RGB	112, 108, 72
RGB Percent	44%, 42%, 28%
CMY	0.5608, 0.5765, 0.7176
CMYK	0.00, 0.04, 0.36, 0.56
HSL	54°, 22%, 36%
HSV	54°, 36%, 44%
XYZ	13.2144, 14.6377, 8.2598
YIQ	105.0920, 13.9400, -10.3480

Conversions

Conversions Part 2

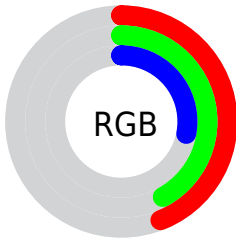
Format	Color
R_{YB}	76, 112, 72
Decimal	7367752
CIE _{Lab}	45.13, -4.48, 20.74
CIE _{LCh}	45, 21.218, 102.201
Yxy	14.6377, 0.3659, 0.4053
Android (android.graphics.Color)	4285557832 (0xFF706C48)
YUV	105.0920, -16.3144, 6.0583
Hunter-Lab	38.2592, -5.3014, 13.9813

Details

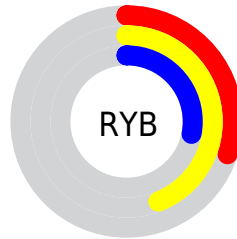
The XYZ color **13.2144, 14.6377, 8.2598** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.1817, 7.7164, 16.3877**, and the grayscale version is **13.4927, 14.1953, 15.4587**.

A 20% lighter version of the original color is **31.1592, 34.0693, 23.0229**, and **3.9165, 4.4734, 1.6939** is the 20% darker color. If you saturate the color by 10%, you get **12.7647, 14.2706, 6.4686**, and if you desaturate by 10%, it is **13.7330, 15.0358, 10.4028**.

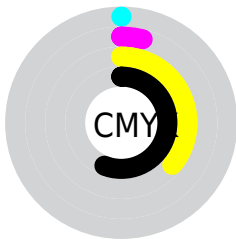
Distribution



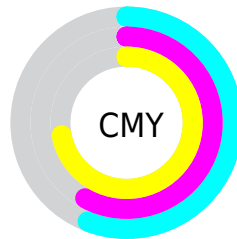
- Red (44%)
- Green (42%)
- Blue (28%)



- Red (30%)
- Yellow (44%)
- Blue (28%)



- Cyan (0%)
- Magenta (4%)
- Yellow (36%)
- Black (56%)



- Cyan (56%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.2144, 14.6377, 8.2598 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 13.2144, 14.6377, 8.2598 by changing the saturation by 10% instead.

■ 13.2144, 14.6377,
8.2598

■ 13.2144, 14.6377,
8.2598

205.8971,
221.1627, 187.7658

■ 7.6544, 8.5655,
4.1715

■ 31.2865, 34.2163,
23.0207

■ 3.9245, 4.4589,
1.7199

■ 44.5292, 48.4916,
34.5304

■ 1.6595, 1.9334,
0.3743

■ 61.0636, 66.2699,
49.3510

■ 0.4307, 0.5684,
0.0000

■ 81.2549, 87.9359,
67.9010

■ 0.0000, 0.0000,
0.0000

■ 105.4686,
113.8737, 90.5989

134.0700,

144.4678, 117.8633

167.4243,
180.1027, 150.1128

■ 13.2144, 14.6377,
8.2598

■ 13.2144, 14.6377,
8.2598

■ 12.7647, 14.2706,
6.4686

■ 13.7330, 15.0358,
10.4028

■ 12.3790, 13.9311,
5.0092

■ 14.3227, 15.4642,
12.9144

■ 12.0539, 13.6181,
3.8611

■ 14.9870, 15.9250,
15.8112

■ 11.7849, 13.3300,
3.0010

■ 15.7288, 16.4192,
19.1087

■ 11.5670, 13.0648,
2.4024

■ 16.5509, 16.9480,
22.8216

■ 11.3899, 12.8182,
2.0117

■ 17.4560, 17.5124,
26.9637

■ 11.3170, 12.7145,
1.8577

■ 18.4465, 18.1135,
31.5481

■ 19.5249, 18.7522,
36.5876

■ 20.6935, 19.4296,
42.0944

Harmonies

Analogous

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



14.9655, 14.6377, 8.4178



13.2144, 14.6377, 8.2598



11.7750, 14.6377, 9.8181

Triad

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



13.2144, 14.6377, 8.2598



11.5686, 14.6377, 23.3174



17.3643, 14.6377, 19.0649

Complementary

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



13.2144, 14.6377, 8.2598



8.1817, 7.7164, 16.3877

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.



16.2946, 14.6377, 24.1844



13.2144, 14.6377, 8.2598



12.9104, 14.6377, 26.9714

Square

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



13.2144, 14.6377, 8.2598



10.8795, 14.6377, 18.0600



14.6352, 14.6377, 27.3183



17.4630, 14.6377, 13.9890

Rectangle

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



13.2144, 14.6377, 8.2598



11.1464, 14.6377, 11.8573



14.6352, 14.6377, 27.3183



17.1025, 14.6377, 20.8615

Sweetspot

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



13.2148, 14.6384, 8.2601



25.6611, 27.5176, 24.8540



10.3042, 8.6015, 7.9549



6.1370, 6.5915, 5.8497



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



13.2148, 14.6384, 8.2601



22.5419, 25.1688, 11.8232



11.7880, 14.5433, 8.3169



3.6148, 3.8621, 3.6283



13.0738, 14.6801, 2.1445



64.7692, 72.4136, 10.5635

Inverse Universe

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



8.1817, 7.7164, 16.3877



12.2723, 11.0482, 28.4155



9.2667, 7.8795, 16.3619



3.2420, 3.3492, 4.2298



3.5123, 1.6149, 17.8482



17.1843, 7.4205, 88.8057

Previews

White Background



This preview shows how the XYZ color 13.2144, 14.6377, 8.2598 looks on a white background.

Color Contrast Check

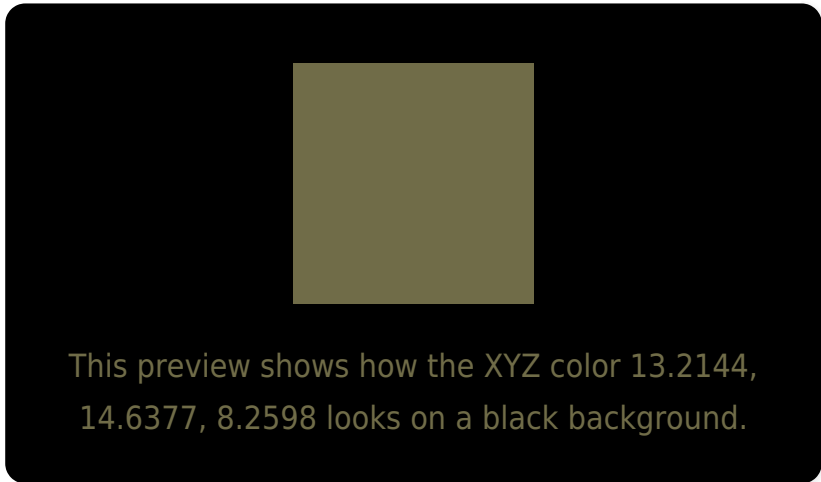
Large Text (above 18pt) WCAG AA ✓ Pass

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

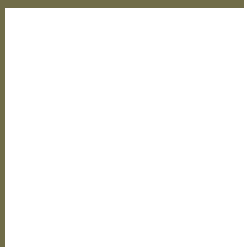
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.2144, 14.6377, 8.2598

Background



This preview shows how black text looks on a background with the XYZ color 13.2144, 14.6377, 8.2598.



This preview shows how white text looks on a background with the XYZ color 13.2144, 14.6377,

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

13.2144, 14.6377, 8.2598

Protanopia

13.5975, 14.6833, 8.0787

Deuteranopia

14.8561, 14.5730, 8.3332



Tritanopia

15.0556, 14.6301, 17.0693

Trichromacy



Original Color

13.2144, 14.6377, 8.2598

Protanomaly

13.4653, 14.6152, 8.0725

Deuteranomaly

14.1790, 14.5192, 8.3585

Tritanomaly

14.2795, 14.6111, 13.3769

Monochromacy



Original Color

13.2144, 14.6377, 8.2598

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.3142, 14.2865, 12.4118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2144, 14.6377, 8.2598 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(112, 108, 72)` looks like.

```
.text, #text, p{  
    color:rgb(112, 108, 72)  
}
```

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(112, 108, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 108, 72) }
```

Border

The CSS property to change the border of an element to XYZ 13.2144, 14.6377, 8.2598 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(112, 108, 72) }
```


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

```
.border{ border-color:rgb(112, 108, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 108, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 108, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 108, 72);  
box-shadow:4px 4px 4px 4px rgb(112, 108,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2144, 14.6377, 8.2598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 108, 72) }
```

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

```
.background{ background-color: rgb(112,  
108, 72) }
```

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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