

Converting Colors

XYZ(17.0333, 13.2521, 8.6815)

Have a look what the booklet for
XYZ(17.0333, 13.2521, 8.6815)
contains.

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Color

**XYZ(17.0105, 13.2064,
8.6737)**

Conversions

Conversions Part 1

Format	Color
Hex	96534D
RGB	150, 83, 77
RGB Percent	59%, 33%, 30%
CMY	0.4118, 0.6745, 0.6980
CMYK	0.00, 0.45, 0.49, 0.41
HSL	5°, 32%, 45%
HSV	5°, 49%, 59%
XYZ	17.0105, 13.2064, 8.6737
YIQ	102.3490, 41.8580, 12.3380

Conversions

Conversions Part 2

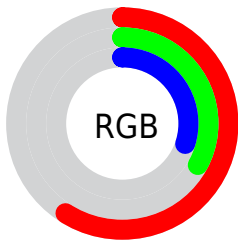
Format	Color
R_{YB}	150, 84, 77
Decimal	9851725
CIE Lab	43.07, 27.15, 15.79
CIE LCh	43, 31.408, 30.190
Yxy	13.2064, 0.4374, 0.3396
Android (android.graphics.Color)	4288041805 (0xFF96534D)
YUV	102.3490, -12.4971, 41.7899
Hunter-Lab	36.3406, 19.9571, 11.2872

Details

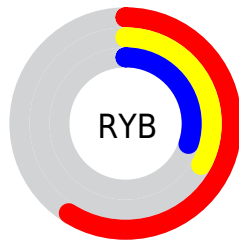
The XYZ color **17.0105, 13.2064, 8.6737** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.5382, 23.7250, 32.4564**, and the grayscale version is **12.7451, 13.4089, 14.6022**.

A 20% lighter version of the original color is **38.0231, 31.8220, 23.8769**, and **5.7293, 3.8584, 1.8816** is the 20% darker color. If you saturate the color by 10%, you get **15.5900, 11.1175, 5.8817**, and if you desaturate by 10%, it is **18.7630, 15.7638, 12.1792**.

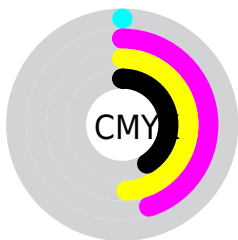
Distribution



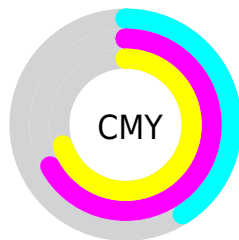
- Red (59%)
- Green (33%)
- Blue (30%)



- Red (59%)
- Yellow (33%)
- Blue (30%)



- Cyan (0%)
- Magenta (45%)
- Yellow (49%)
- Black (41%)



- Cyan (41%)
- Magenta (67%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0105, 13.2064, 8.6737 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 17.0105, 13.2064, 8.6737 by changing the saturation by 10% instead.

■ 17.0105, 13.2064,
8.6737

■ 17.0105, 13.2064,
8.6737

228.3879,
212.2363, 191.0523

■ 10.3373, 7.5708,
4.4351

■ 37.8873, 31.6741,
23.8366

■ 5.6872, 3.8216,
1.8669

■ 52.8216, 45.2750,
35.5979

■ 2.6946, 1.5743,
0.4716

■ 71.2403, 62.2998,
50.7039

■ 0.9944, 0.3402,
0.0000

■ 93.5089, 83.1329,
69.5730

■ 0.0000, 0.0000,
0.0000

■ 119.9925,
108.1587, 92.6239

151.0567,

137.7616, 120.2750

187.0667,
172.3260, 152.9450

■ 17.0105, 13.2064,
8.6737

■ 17.0105, 13.2064,
8.6737

■ 15.5900, 11.1175,
5.8817

■ 18.7630, 15.7638,
12.1792

■ 14.4795, 9.4667,
3.7535

■ 20.8656, 18.8137,
16.4418

■ 13.6559, 8.2234,
2.2341


■ 23.3363, 22.3807,
21.5025


■ 13.0926, 7.3521,
1.2594


■ 26.1915, 26.4871,
27.3992


■ 12.7480, 6.8072,
0.6995


■ 29.4468, 31.1543,
34.1674

 12.7132, 6.7552,
0.6338

 33.1168, 36.4021,
41.8403

 37.2152, 42.2495,
50.4498

 41.7555, 48.7148,
60.0257

 46.7502, 55.8152,
70.5971

Harmonies

Analogous

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



17.7937, 13.2064, 14.3355



17.0105, 13.2064, 8.6737



15.0059, 13.2064, 5.6499

Triad

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



17.0105, 13.2064, 8.6737



8.9379, 13.2064, 8.7283



12.5677, 13.2064, 32.2061

Complementary

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



17.0105, 13.2064, 8.6737



18.5382, 23.7250, 32.4564

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.



10.3819, 13.2064, 29.2860



17.0105, 13.2064, 8.6737



8.4567, 13.2064, 14.4237

Square

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



17.0105, 13.2064, 8.6737



10.3584, 13.2064, 5.6736



8.9502, 13.2064, 22.1601



15.0360, 13.2064, 29.2152

Rectangle

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



17.0105, 13.2064, 8.6737



13.3605, 13.2064, 4.8509



8.9502, 13.2064, 22.1601



11.7774, 13.2064, 31.8744

Sweetspot

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



17.0108, 13.2071, 8.6739



42.8047, 41.8315, 41.2868



20.3527, 13.8403, 28.4407



9.2816, 8.9760, 8.7282



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.0108, 13.2071, 8.6739



27.4074, 19.4639, 10.1750



20.4389, 20.0633, 9.8166



5.8369, 5.8875, 6.0692



10.5551, 5.6246, 0.5293



0.1368, 0.0840, 0.0090

Inverse Universe

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



18.5382, 23.7250, 32.4564



30.3985, 40.1649, 57.0717



13.9953, 14.6391, 30.9421



5.9238, 6.4815, 7.4086



12.0746, 16.8439, 26.5458



0.1575, 0.2256, 0.3281

Previews

White Background



This preview shows how the XYZ color 17.0105, 13.2064, 8.6737 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 17.0105, 13.2064, 8.6737 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 17.0105, 13.2064, 8.6737

Background



This preview shows how black text looks on a background with the XYZ color 17.0105, 13.2064, 8.6737.



This preview shows how white text looks on a background with the XYZ color 17.0105, 13.2064,

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

17.0105, 13.2064, 8.6737

Protanopia

12.6154, 13.3628, 10.7185

Deuteranopia

13.4889, 13.2947, 8.3338



Tritanopia

17.4252, 13.1523, 10.6371

Trichromacy



Original Color

17.0105, 13.2064, 8.6737

Protanomaly

13.8219, 13.0199, 9.9682

Deuteranomaly

14.7001, 13.2422, 8.4378

Tritanomaly

17.3411, 13.2384, 9.8249

Monochromacy



Original Color

17.0105, 13.2064, 8.6737

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.6757, 12.8967, 12.1244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0105, 13.2064, 8.6737 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(150, 83, 77)` looks like.

```
.text, #text, p{  
    color:rgb(150, 83, 77)  
}
```

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(150, 83, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 83, 77) }
```

Border

The CSS property to change the border of an element to XYZ 17.0105, 13.2064, 8.6737 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(150, 83, 77) }
```


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

```
.border{ border-color:rgb(150, 83, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 83, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 83, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 83, 77);  
box-shadow:4px 4px 4px 4px rgb(150, 83,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0105, 13.2064, 8.6737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 83, 77) }
```

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

```
.background{ background-color: rgb(150, 83,  
77) }
```

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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