

Converting Colors

XYZ(13.9652, 12.3477, 8.6685)

Have a look what the booklet for
XYZ(13.9652, 12.3477, 8.6685)
contains.

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Color

**XYZ(13.9652, 12.3477,
8.6685)**

Conversions

Conversions Part 1

Format	Color
Hex	81594D
RGB	129, 89, 77
RGB Percent	51%, 35%, 30%
CMY	0.4941, 0.6510, 0.6980
CMYK	0.00, 0.31, 0.40, 0.49
HSL	14°, 25%, 40%
HSV	14°, 40%, 51%
XYZ	13.9652, 12.3477, 8.6685
YIQ	99.5920, 27.6920, 4.7480

Conversions

Conversions Part 2

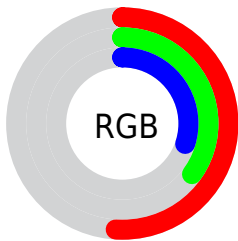
Format	Color
R_{YB}	129, 93, 77
Decimal	8477005
CIE _{Lab}	41.76, 14.86, 13.55
CIE _{LCh}	42, 20.112, 42.371
Yxy	12.3477, 0.3992, 0.3530
Android (android.graphics.Color)	4286667085 (0xFF81594D)
YUV	99.5920, -11.1379, 25.7908
Hunter-Lab	35.1393, 9.4464, 9.9713

Details

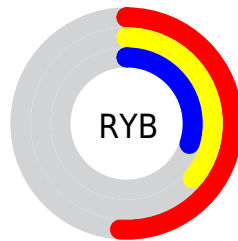
The XYZ color **13.9652, 12.3477, 8.6685** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.3841, 15.8848, 23.1295**, and the grayscale version is **12.0321, 12.6587, 13.7853**.

A 20% lighter version of the original color is **32.5270, 30.0389, 23.8224**, and **4.2803, 3.4573, 1.8806** is the 20% darker color. If you saturate the color by 10%, you get **12.7834, 10.6421, 6.2459**, and if you desaturate by 10%, it is **15.3493, 14.3133, 11.6045**.

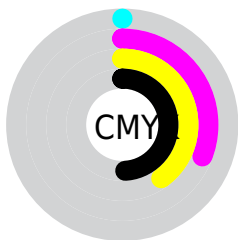
Distribution



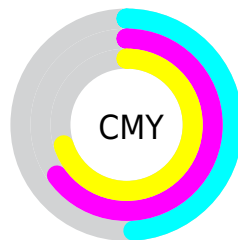
- Red (51%)
- Green (35%)
- Blue (30%)



- Red (51%)
- Yellow (36%)
- Blue (30%)



- Cyan (0%)
- Magenta (31%)
- Yellow (40%)
- Black (49%)





- Cyan (49%)
- Magenta (65%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.9652, 12.3477, 8.6685 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 13.9652, 12.3477, 8.6685 by changing the saturation by 10% instead.


 13.9652, 12.3477,
8.6685


 13.9652, 12.3477,
8.6685


210.5292,
206.6938, 191.0114


 8.1780, 6.9809,
4.4317


 32.6140, 30.1268,
23.8264

 4.2618, 3.4502,
1.8651

 46.2064, 43.3079,
35.5846

 1.8513, 1.3710,
0.4704

 63.1312, 59.8627,
50.6870

 0.5483, 0.1952,
0.0000

 83.7538, 80.1753,
69.5522

 0.0000, 0.0000,
0.0000

 108.4395,
104.6304, 92.5987

137.5538,

133.6122, 120.2450

171.4619,
167.5052, 152.9097

■ 13.9652, 12.3477,
8.6685

■ 13.9652, 12.3477,
8.6685

■ 12.7834, 10.6421,
6.2459

■ 15.3493, 14.3133,
11.6045

■ 11.7931, 9.1837,
4.3063

■ 16.9439, 16.5473,
15.0805

■ 10.9841, 7.9613,
2.8170

■ 18.7578, 19.0603,
19.1223

■ 10.3446, 6.9620,
1.7411

■ 20.7991, 21.8613,
23.7535

■ 9.8612, 6.1718,
1.0356

■ 23.0754, 24.9592,
28.9966

■ 9.5119, 5.5844,
0.5766

■ 25.5939, 28.3625,
34.8728

■ 28.3617, 32.0793,
41.4024

■ 31.3854, 36.1174,
48.6046

■ 34.6713, 40.4842,
56.4980

Harmonies

Analogous

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



14.7391, 12.3477, 11.7740



13.9652, 12.3477, 8.6685



12.6187, 12.3477, 7.0801

Triad

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



13.9652, 12.3477, 8.6685



9.2289, 12.3477, 11.1255



12.3560, 12.3477, 23.0732

Complementary

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



13.9652, 12.3477, 8.6685



13.3841, 15.8848, 23.1295

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.



10.8957, 12.3477, 22.7970



13.9652, 12.3477, 8.6685



9.1715, 12.3477, 15.2661

Square

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



13.9652, 12.3477, 8.6685



9.9219, 12.3477, 8.2801



9.7578, 12.3477, 19.7147



13.7590, 12.3477, 20.4047

Rectangle

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



13.9652, 12.3477, 8.6685



11.6189, 12.3477, 6.8380



9.7578, 12.3477, 19.7147



11.8541, 12.3477, 23.3352

Sweetspot

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



13.9655, 12.3483, 8.6687



32.9188, 33.2050, 32.7344



14.9614, 11.2767, 18.4447



7.3734, 7.4086, 7.2356



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



13.9655, 12.3483, 8.6687



23.1247, 19.3960, 11.6528



16.4403, 17.2979, 9.4937



4.4021, 4.4930, 4.5553



9.2770, 5.4505, 0.5631



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.3841, 15.8848, 23.1295



21.9258, 26.5917, 41.1696



10.8272, 10.7711, 22.2773



4.3649, 4.7239, 5.4950



8.2377, 10.2939, 21.8027



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.9652, 12.3477, 8.6685 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 13.9652, 12.3477, 8.6685 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 13.9652, 12.3477, 8.6685

Background



This preview shows how black text looks on a background with the XYZ color 13.9652, 12.3477, 8.6685.



This preview shows how white text looks on a background with the XYZ color 13.9652, 12.3477,

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

13.9652, 12.3477, 8.6685

Protanopia

11.8105, 12.5361, 9.7799

Deuteranopia

12.5992, 12.4192, 8.5706



Tritanopia

14.5899, 12.3525, 11.9712

Trichromacy



Original Color

13.9652, 12.3477, 8.6685

Protanomaly

12.4796, 12.3410, 9.3137

Deuteranomaly

13.1040, 12.4155, 8.5432

Tritanomaly

14.4159, 12.4134, 10.6530

Monochromacy



Original Color

13.9652, 12.3477, 8.6685

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.6702, 12.5180, 11.8736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9652, 12.3477, 8.6685 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(129, 89, 77)` looks like.

```
.text, #text, p{  
    color:rgb(129, 89, 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(129, 89, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 89, 77) }
```

Border

The CSS property to change the border of an element to XYZ 13.9652, 12.3477, 8.6685 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(129, 89, 77) }
```


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

```
.border{ border-color:rgb(129, 89, 77) }
```

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

Here you see how a box with a 4 pixel rgb(129, 89, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 89, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 89, 77);  
box-shadow:4px 4px 4px 4px rgb(129, 89,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9652, 12.3477, 8.6685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 89, 77) }
```

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

```
.background{ background-color: rgb(129, 89,  
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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