

Converting Colors

XYZ(13.5278, 10.0002, 6.4321)

Have a look what the booklet for
XYZ(13.5278, 10.0002, 6.4321)
contains.

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Color

**XYZ(13.5927, 10.0529,
6.3782)**

Conversions

Conversions Part 1

Format	Color
Hex	8A4542
RGB	138, 69, 66
RGB Percent	54%, 27%, 26%
CMY	0.4588, 0.7294, 0.7412
CMYK	0.00, 0.50, 0.52, 0.46
HSL	3°, 35%, 40%
HSV	3°, 52%, 54%
XYZ	13.5927, 10.0529, 6.3782
YIQ	89.2890, 42.0870, 13.6950

Conversions

Conversions Part 2

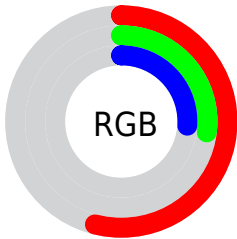
Format	Color
R_{YB}	138, 69, 66
Decimal	9061698
CIE Lab	37.94, 28.98, 15.32
CIE LCh	38, 32.785, 27.861
Yxy	10.0529, 0.4527, 0.3348
Android (android.graphics.Color)	4287251778 (0xFF8A4542)
YUV	89.2890, -11.4815, 42.7195
Hunter-Lab	31.7063, 21.0381, 10.2673

Details

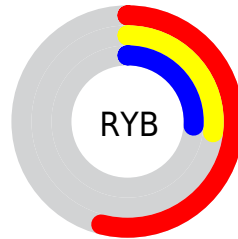
The XYZ color **13.5927, 10.0529, 6.3782** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **15.4975, 20.3198, 27.1499**, and the grayscale version is **9.5780, 10.0768, 10.9737**.

A 20% lighter version of the original color is **31.8822, 25.8779, 19.2341**, and **4.0977, 2.5205, 1.0811** is the 20% darker color. If you saturate the color by 10%, you get **12.5091, 8.4601, 4.2462**, and if you desaturate by 10%, it is **14.9563, 12.0486, 9.0881**.

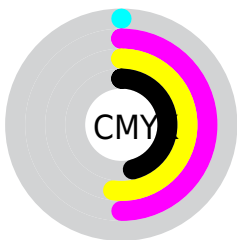
Distribution



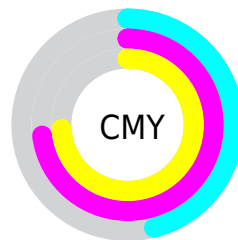
- Red (54%)
- Green (27%)
- Blue (26%)



- Red (54%)
- Yellow (27%)
- Blue (26%)



- Cyan (0%)
- Magenta (50%)
- Yellow (52%)
- Black (46%)





- Cyan (46%)
- Magenta (73%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5927, 10.0529, 6.3782 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 13.5927, 10.0529, 6.3782 by changing the saturation by 10% instead.


 13.5927, 10.0529,
6.3782


 13.5927, 10.0529,
6.3782


208.2438,
191.0492, 171.8221


 7.9177, 5.4340,
3.0039


 31.9569, 25.8950,
19.2020


 4.0937, 2.5041,
1.0966

 45.3769, 37.8869,
29.4886


 1.7553, 0.8787,
0.0000

 62.1092, 53.1054,
42.9164

 0.4905, 0.0000,
0.0000

 82.5192, 71.9348,
59.9040

 0.0000, 0.0000,
0.0000

 106.9723, 94.7595,
80.8698

 135.8339,

121.9639, 106.2324

169.4693,
153.9323, 136.4103

■ 13.5927, 10.0529,
6.3782

■ 13.5927, 10.0529,
6.3782

■ 12.5091, 8.4601,
4.2462

■ 14.9563, 12.0486,
9.0881

■ 11.6853, 7.2415,
2.6496

■ 16.6168, 14.4705,
12.4131

■ 11.0999, 6.3668,
1.5412

■ 18.5904, 17.3417,
16.3880

■ 10.7273, 5.8007,
0.8648

■ 20.8920, 20.6834,
21.0447

■ 10.5437, 5.5282,
0.5113

■ 23.5358, 24.5154,
26.4132

■ 26.5348, 28.8563,
32.5214

■ 29.9015, 33.7239,
39.3961

■ 33.6478, 39.1348,
47.0624

■ 37.7851, 45.1053,
55.5445

Harmonies

Analogous

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



14.1904, 10.0529, 11.3837



13.5927, 10.0529, 6.3782



11.8707, 10.0529, 3.7783

Triad

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



13.5927, 10.0529, 6.3782



6.5246, 10.0529, 5.8702



9.4049, 10.0529, 27.0686

Complementary

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



13.5927, 10.0529, 6.3782



15.4975, 20.3198, 27.1499

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.



7.5619, 10.0529, 23.9660



13.5927, 10.0529, 6.3782



6.0581, 10.0529, 10.5195

Square

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



13.5927, 10.0529, 6.3782



7.7877, 10.0529, 3.5697



6.4083, 10.0529, 17.2962



11.5712, 10.0529, 24.7020

Rectangle

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



13.5927, 10.0529, 6.3782



10.4305, 10.0529, 3.0807



6.4083, 10.0529, 17.2962



8.7299, 10.0529, 26.6126

Sweetspot

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



13.5930, 10.0534, 6.3784



35.0631, 33.9000, 33.5242



16.8449, 11.0659, 24.3917



7.7057, 7.3730, 7.1980



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.



13.5930, 10.0534, 6.3784



21.6963, 14.3913, 6.7955



16.4552, 15.7779, 7.3325



5.0485, 5.0799, 5.2668



9.6699, 5.0742, 0.4698



0.0661, 0.0375, 0.0038

Inverse Universe

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



15.4975, 20.3198, 27.1499



25.4348, 34.5920, 47.7195



11.3531, 12.0310, 25.7684



5.1553, 5.6534, 6.4254



11.8040, 16.8784, 24.6814



0.0810, 0.1173, 0.1648

Previews

White Background



This preview shows how the XYZ color 13.5927, 10.0529, 6.3782 looks on a white background.

Color Contrast Check

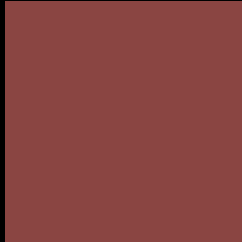
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.5927, 10.0529, 6.3782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

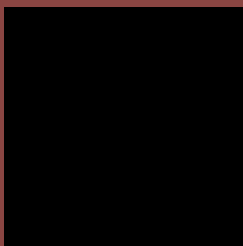
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.5927, 10.0529, 6.3782

Background



This preview shows how black text looks on a background with the XYZ color 13.5927, 10.0529, 6.3782.



This preview shows how white text looks on a background with the XYZ color 13.5927, 10.0529,

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

13.5927, 10.0529, 6.3782

Protanopia

9.6455, 10.2532, 8.1273

Deuteranopia

10.2884, 10.1403, 6.1176



Tritanopia

13.7510, 10.0186, 7.5123

Trichromacy



Original Color

13.5927, 10.0529, 6.3782

Protanomaly

10.7425, 9.8820, 7.4721

Deuteranomaly

11.2653, 9.9590, 6.1790

Tritanomaly

13.6538, 9.9797, 7.0010

Monochromacy



Original Color

13.5927, 10.0529, 6.3782

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

10.5659, 9.7545, 9.1105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5927, 10.0529, 6.3782 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(138, 69, 66)` looks like.

```
.text, #text, p{  
    color:rgb(138, 69, 66)  
}
```

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(138, 69, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 69, 66) }
```

Border

The CSS property to change the border of an element to XYZ 13.5927, 10.0529, 6.3782 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(138, 69, 66) }
```


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

```
.border{ border-color:rgb(138, 69, 66) }
```

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

Here you see how a box with a 4 pixel rgb(138, 69, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 69, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 69, 66);  
box-shadow:4px 4px 4px 4px rgb(138, 69,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5927, 10.0529, 6.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 69, 66) }
```

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

```
.background{ background-color: rgb(138, 69,  
66) }
```

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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