

Converting Colors

XYZ(13.3252, 11.1293, 9.3654)

Have a look what the booklet for
XYZ(13.3252, 11.1293, 9.3654)
contains.

XYZ(13.2927, 11.1558, 9.4353)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(13.2927, 11.1558,
9.4353)**

Conversions

Conversions Part 1

Format	Color
Hex	7F5252
RGB	127, 82, 82
RGB Percent	50%, 32%, 32%
CMY	0.5020, 0.6784, 0.6784
CMYK	0.00, 0.35, 0.35, 0.50
HSL	0°, 22%, 41%
HSV	0°, 35%, 50%
XYZ	13.2927, 11.1558, 9.4353
YIQ	95.4550, 26.8200, 9.5400

Conversions

Conversions Part 2

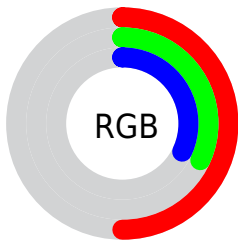
Format	Color
R_{YB}	127, 82, 82
Decimal	8344146
CIE Lab	39.84, 18.84, 7.77
CIE LCh	40, 20.379, 22.428
Yxy	11.1558, 0.3923, 0.3292
Android (android.graphics.Color)	4286534226 (0xFF7F5252)
YUV	95.4550, -6.6333, 27.6650
Hunter-Lab	33.4003, 12.5892, 6.6313

Details

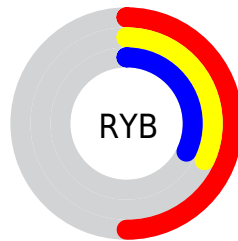
The XYZ color **13.2927, 11.1558, 9.4353** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.8996, 18.5043, 22.8652**, and the grayscale version is **10.9977, 11.5704, 12.6002**.

A 20% lighter version of the original color is **31.4041, 27.9650, 25.2153**, and **3.9453, 2.9318, 2.1082** is the 20% darker color. If you saturate the color by 10%, you get **11.9828, 9.2392, 6.8310**, and if you desaturate by 10%, it is **14.8699, 13.4638, 12.5703**.

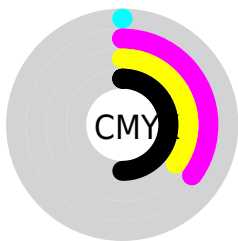
Distribution



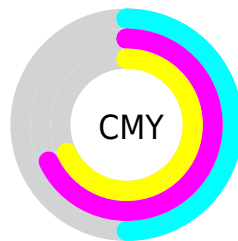
- Red (50%)
- Green (32%)
- Blue (32%)



- Red (50%)
- Yellow (32%)
- Blue (32%)



- Cyan (0%)
- Magenta (35%)
- Yellow (35%)
- Black (50%)





- Cyan (50%)
- Magenta (68%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.2927, 11.1558, 9.4353 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 13.2927, 11.1558, 9.4353 by changing the saturation by 10% instead.


 13.2927, 11.1558,
9.4353

 13.2927, 11.1558,
9.4353


206.3850,
198.7333, 196.9289


 7.7088, 6.1717,
4.9255


 31.4255, 27.9479,
25.3188


 3.9594, 2.9498,
2.1456

 44.7051, 40.5247,
37.5296


 1.6792, 1.1056,
0.6427

 61.2807, 56.4013,
53.1444

 0.4432, 0.0000,
0.0000

 81.5175, 75.9619,
72.5819

 0.0000, 0.0000,
0.0000

 105.7810, 99.5910,
96.2606

134.4365,

127.6730, 124.5989

167.8494,
160.5924, 158.0155

■ 13.2927, 11.1558,
9.4353

■ 13.2927, 11.1558,
9.4353

■ 11.9828, 9.2392,
6.8310

■ 14.8699, 13.4638,
12.5703

■ 10.9247, 7.6908,
4.7275

■ 16.7271, 16.1814,
16.2624

■ 10.1024, 6.4875,
3.0928

■ 18.8773, 19.3278,
20.5370

■ 9.4978, 5.6028,
1.8911

■ 21.3325, 22.9204,
25.4179

■ 9.0904, 5.0066,
1.0812

■ 24.1039, 26.9757,
30.9273

■ 8.8473, 4.6508,
0.5980

■ 27.2021, 31.5092,
37.0866

■ 8.7525, 4.5122,
0.4096

■ 30.6373, 36.5359,
43.9159

■ 34.4193, 42.0699,
51.4345

■ 38.5574, 48.1251,
59.6611

Harmonies

Analogous

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



13.5033, 11.1558, 13.1918



13.2927, 11.1558, 9.4353



12.3317, 11.1558, 7.0017

Triad

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



13.2927, 11.1558, 9.4353



8.6087, 11.1558, 8.0244



10.2523, 11.1558, 21.5092

Complementary

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



13.2927, 11.1558, 9.4353



14.8996, 18.5043, 22.8652

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.



9.0443, 11.1558, 19.3431



13.2927, 11.1558, 9.4353



8.1513, 11.1558, 11.1584

Square

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



13.2927, 11.1558, 9.4353



9.6086, 11.1558, 6.3210



8.3035, 11.1558, 15.3335



11.6643, 11.1558, 20.7626

Rectangle

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



13.2927, 11.1558, 9.4353



11.4373, 11.1558, 6.1775



8.3035, 11.1558, 15.3335



9.8107, 11.1558, 21.0837

Sweetspot

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



13.2930, 11.1563, 9.4355



31.4952, 31.2320, 32.1855



15.6006, 12.0790, 21.5880



7.2756, 7.1685, 7.3402



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.



13.2930, 11.1563, 9.4355



21.7611, 16.9881, 12.8345



15.2763, 15.1229, 10.0966



4.3278, 4.3443, 4.5306



8.8271, 4.5507, 0.4131



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.8996, 18.5043, 22.8652



25.1152, 32.3290, 40.8727



12.3113, 13.3279, 22.0024



4.4464, 4.8869, 5.5222



11.5165, 16.8516, 22.8956



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.2927, 11.1558, 9.4353 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 13.2927, 11.1558, 9.4353 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 13.2927, 11.1558, 9.4353

Background



This preview shows how black text looks on a background with the XYZ color 13.2927, 11.1558, 9.4353.



This preview shows how white text looks on a background with the XYZ color 13.2927, 11.1558,

9.4353.

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

13.2927, 11.1558, 9.4353

Protanopia

10.6939, 11.2514, 10.8406

Deuteranopia

11.3734, 11.2495, 9.1613



Tritanopia

13.4151, 11.0850, 10.4494

Trichromacy



Original Color

13.2927, 11.1558, 9.4353

Protanomaly

11.5202, 11.1724, 10.3534

Deuteranomaly

12.0452, 11.2184, 9.3151

Tritanomaly

13.3345, 11.0528, 10.0249

Monochromacy



Original Color

13.2927, 11.1558, 9.4353

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.5650, 11.1763, 11.2206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2927, 11.1558, 9.4353 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(127, 82, 82)` looks like.

```
.text, #text, p{  
    color:rgb(127, 82, 82)  
}
```

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(127, 82, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 82, 82) }
```

Border

The CSS property to change the border of an element to XYZ 13.2927, 11.1558, 9.4353 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(127, 82, 82) }
```


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

```
.border{ border-color:rgb(127, 82, 82) }
```

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

Here you see how a box with a 4 pixel rgb(127, 82, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 82, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 82, 82);  
box-shadow:4px 4px 4px 4px rgb(127, 82,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2927, 11.1558, 9.4353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 82, 82) }
```

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

```
.background{ background-color: rgb(127, 82,  
82) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor