

Converting Colors

XYZ(23.2427, 22.6904, 20.2944)

Have a look what the booklet for
XYZ(23.2427, 22.6904, 20.2944)
contains.

XYZ(23.3085, 22.7137, 20.2952)	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(23.3085, 22.7137,
20.2952)**

Conversions

Conversions Part 1

Format	Color
Hex	967E76
RGB	150, 126, 118
RGB Percent	59%, 49%, 46%
CMY	0.4118, 0.5059, 0.5373
CMYK	0.00, 0.16, 0.21, 0.41
HSL	15°, 13%, 53%
HSV	15°, 21%, 59%
XYZ	23.3085, 22.7137, 20.2952
YIQ	132.2640, 16.8720, 2.6000

Conversions

Conversions Part 2

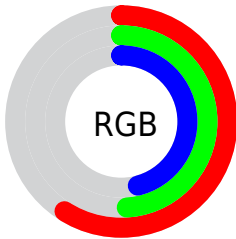
Format	Color
R_{YB}	150, 129, 118
Decimal	9862774
CIE _{Lab}	54.78, 7.89, 7.78
CIE _{LCh}	55, 11.085, 44.587
Yxy	22.7137, 0.3515, 0.3425
Android (android.graphics.Color)	4288052854 (0xFF967E76)
YUV	132.2640, -7.0322, 15.5545
Hunter-Lab	47.6589, 3.8958, 8.1130

Details

The XYZ color **23.3085, 22.7137, 20.2952** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.6490, 25.3989, 32.5630**, and the grayscale version is **22.0482, 23.1964, 25.2609**.

A 20% lighter version of the original color is **48.5526, 48.1216, 44.7596**, and **8.9050, 8.4026, 6.9469** is the 20% darker color. If you saturate the color by 10%, you get **21.1288, 19.6690, 15.5151**, and if you desaturate by 10%, it is **25.7930, 26.1407, 25.8768**.

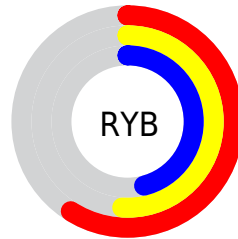
Distribution



Red (59%)

Green (49%)

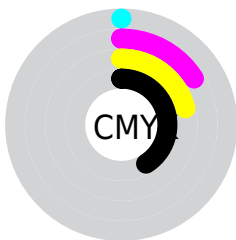
Blue (46%)



Red (59%)

Yellow (51%)

Blue (46%)

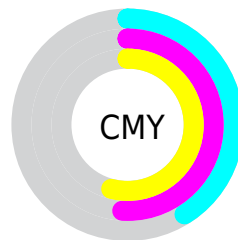


Cyan (0%)

Magenta (16%)

Yellow (21%)

Black (41%)



Cyan (41%)

Magenta (51%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3085, 22.7137, 20.2952 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 23.3085, 22.7137, 20.2952 by changing the saturation by 10% instead.

■ 23.3085, 22.7137,
20.2952

■ 23.3085, 22.7137,
20.2952

261.8114,
266.2511, 266.1657

■ 14.9434, 14.3822,
12.4236

■ 48.3623, 47.9228,
44.7770

■ 8.8657, 8.3870,
6.9068

■ 65.7818, 65.5692,
62.2243

■ 4.7101, 4.3436,
3.3263

■ 86.9501, 87.0894,
83.7006

■ 2.1112, 1.8675,
1.2636

112.2325,
112.8678, 109.6244

■ 0.6953, 0.5288,
0.0317

141.9946,
143.2888, 140.4143

■ 0.0000, 0.0000,
0.0000

176.6015,

178.7367, 176.4887

216.4186,
219.5960, 218.2664

■ 23.3085, 22.7137,
20.2952

■ 23.3085, 22.7137,
20.2952

■ 21.1288, 19.6690,
15.5151

■ 25.7930, 26.1407,
25.8768

■ 19.2400, 16.9902,
11.4981

■ 28.5917, 29.9595,
32.2932

■ 17.6299, 14.6641,
8.2047

■ 31.7161, 34.1833,
39.5772

■ 16.2846, 12.6758,
5.5915

■ 35.1763, 38.8236,
47.7597

■ 15.1890, 11.0089,
3.6100

■ 38.9820, 43.8914,
56.8700

■ 14.3263, 9.6459,
2.2054

■ 43.1427, 49.3975,
66.9360

■ 13.6774, 8.5673,
1.3136

■ 47.6673, 55.3521,
77.9845

■ 13.2554, 7.8394,
0.8145

■ 52.5645, 61.7652,
90.0412

■ 57.8427, 68.6463,
103.1308

Harmonies

Analogous

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



23.9473, 22.7137, 23.0724



23.3085, 22.7137, 20.2952



22.2202, 22.7137, 18.7861

Triad

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



23.3085, 22.7137, 20.2952



19.3985, 22.7137, 22.9830



22.1869, 22.7137, 31.8444

Complementary

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



23.3085, 22.7137, 20.2952



22.6490, 25.3989, 32.5630

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.



20.9692, 22.7137, 31.8146



23.3085, 22.7137, 20.2952



19.3903, 22.7137, 26.4680

Square

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



23.3085, 22.7137, 20.2952



19.9784, 22.7137, 20.2351



19.9556, 22.7137, 29.7710



23.2833, 22.7137, 29.8487

Rectangle

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



23.3085, 22.7137, 20.2952



21.4010, 22.7137, 18.6029



19.9556, 22.7137, 29.7710



21.7775, 22.7137, 32.0765

Sweetspot

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



23.3091, 22.7147, 20.2957



48.0238, 49.5588, 51.3839



23.9388, 21.3941, 28.4591



10.5806, 10.8981, 11.2449



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.



23.3091, 22.7147, 20.2957



39.0768, 37.2201, 31.2752



25.5208, 27.1382, 21.0329



5.9117, 6.0371, 6.0942



11.0163, 6.5470, 0.6831



0.1554, 0.1212, 0.0152

Inverse Universe

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



22.6490, 25.3989, 32.5630



37.6785, 42.8910, 57.2142



20.4373, 20.9755, 31.8258



5.8426, 6.3191, 7.3815



9.4421, 11.5791, 25.6684



0.1389, 0.1884, 0.3219

Previews

White Background



This preview shows how the XYZ color 23.3085, 22.7137, 20.2952 looks on a white 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

Black Background



This preview shows how the XYZ color 23.3085, 22.7137, 20.2952 looks on a black 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

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

XYZ 23.3085, 22.7137, 20.2952

Background



This preview shows how black text looks on a background with the XYZ color 23.3085, 22.7137, 20.2952.



This preview shows how white text looks on a background with the XYZ color 23.3085, 22.7137,

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

23.3085, 22.7137, 20.2952

Protanopia

21.7208, 22.8473, 21.3543

Deuteranopia

23.1253, 22.6193, 20.2867



Tritanopia

24.3902, 22.7842, 25.3026

Trichromacy



Original Color

23.3085, 22.7137, 20.2952

Protanomaly

22.2249, 22.7193, 20.9832

Deuteranomaly

23.1253, 22.6193, 20.2867

Tritanomaly

23.9924, 22.8051, 23.5594

Monochromacy



Original Color

23.3085, 22.7137, 20.2952

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.4609, 22.9865, 23.3317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3085, 22.7137, 20.2952 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, 126, 118)` looks like.

```
.text, #text, p{  
    color:rgb(150, 126, 118)  
}
```

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, 126, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 126, 118) }
```

Border

The CSS property to change the border of an element to XYZ 23.3085, 22.7137, 20.2952 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, 126, 118) }
```


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

```
.border{ border-color:rgb(150, 126, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 126, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 126, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 126, 118);  
box-shadow:4px 4px 4px 4px rgb(150, 126,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3085, 22.7137, 20.2952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 126, 118) }
```

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

```
.background{ background-color: rgb(150,  
126, 118) }
```

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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