

Converting Colors

XYZ(23.3549, 24.6153, 27.1233)

Have a look what the booklet for
XYZ(23.3549, 24.6153, 27.1233)
contains.

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Color

**XYZ(23.3112, 24.5654,
27.1799)**

Conversions

Conversions Part 1

Format	Color
Hex	878889
RGB	135, 136, 137
RGB Percent	53%, 53%, 54%
CMY	0.4706, 0.4667, 0.4627
CMYK	0.01, 0.01, 0.00, 0.46
HSL	210°, 1%, 53%
HSV	210°, 1%, 54%
XYZ	23.3112, 24.5654, 27.1799
YIQ	135.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

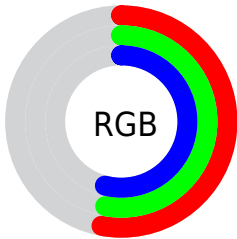
Format	Color
R_{YB}	135, 136, 137
Decimal	8882313
CIE _{Lab}	56.65, -0.17, -0.67
CIE _{LCh}	57, 0.692, 255.980
Yxy	24.5654, 0.3106, 0.3273
Android (android.graphics.Color)	4287072393 (0xFF878889)
YUV	135.8150, 0.5842, -0.7148
Hunter-Lab	49.5635, -2.7822, 2.1807

Details

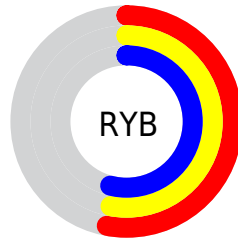
The XYZ color **23.3112, 24.5654, 27.1799** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4939, 24.6756, 26.4466**, and the grayscale version is **23.3313, 24.5463, 26.7310**.

A 20% lighter version of the original color is **48.2309, 50.8043, 55.9794**, and **8.7944, 9.2750, 10.3436** is the 20% darker color. If you saturate the color by 10%, you get **20.3156, 21.6385, 26.7732**, and if you desaturate by 10%, it is **26.6532, 27.7633, 27.6214**.

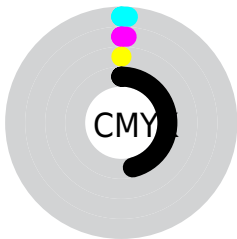
Distribution



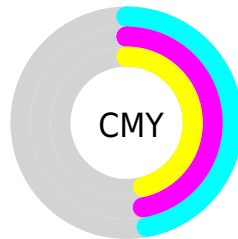
- Red (53%)
- Green (53%)
- Blue (54%)



- Red (53%)
- Yellow (53%)
- Blue (54%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (46%)



- Cyan (47%)
- Magenta (47%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3112, 24.5654, 27.1799 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 23.3112, 24.5654, 27.1799 by changing the saturation by 10% instead.

■ 23.3112, 24.5654,
27.1799

■ 23.3112, 24.5654,
27.1799

261.8250,
275.6666, 302.3148

■ 14.9454, 15.7536,
17.4747

■ 48.3667, 50.9513,
56.1797

■ 8.8672, 9.3499,
10.4080

■ 65.7872, 69.2941,
76.3113

■ 4.7110, 4.9701,
5.5612

■ 86.9566, 91.5828,
100.7556

■ 2.1117, 2.2297,
2.5157

112.2402,
118.2016, 129.9310

■ 0.6956, 0.7361,
0.8485

142.0036,
149.5350, 164.2561

■ 0.0000, 0.0000,
0.0000

176.6119,

185.9674, 204.1494

216.4306,
227.8831, 250.0295

■ 23.3112, 24.5654,
27.1799

■ 23.3112, 24.5654,
27.1799

■ 20.3156, 21.6385,
26.7732

■ 26.6532, 27.7633,
27.6214

■ 17.6525, 18.9717,
26.3988

■ 30.3508, 31.2366,
28.0969

■ 15.3100, 16.5579,
26.0564

■ 34.4155, 34.9934,
28.6078

■ 13.2746, 14.3882,
25.7449

■ 38.8575, 39.0406,
29.1549

■ 11.5319, 12.4535,
25.4633

■ 43.6866, 43.3848,
29.7389

■ 10.0662, 10.7437,
25.2105

■ 48.9124, 48.0323,
30.3605

■ 8.8602, 9.2479,
24.9854

■ 54.5440, 52.9893,
31.0205

■ 7.8943, 7.9541,
24.7865

■ 60.5901, 58.2618,
31.7195

■ 7.1460, 6.8484,
24.6125

■ 65.8343, 63.2240,
32.4009

Harmonies

Analogous

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



23.2413, 24.5654, 27.0676



23.3112, 24.5654, 27.1799



23.3913, 24.5654, 27.1759

Triad

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



23.3112, 24.5654, 27.1799



23.4978, 24.5654, 26.6257



23.2376, 24.5654, 26.4407

Complementary

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



23.3112, 24.5654, 27.1799



23.4939, 24.6756, 26.4466

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.



23.3061, 24.5654, 26.3237



23.3112, 24.5654, 27.1799



23.4564, 24.5654, 26.4301

Square

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



23.3112, 24.5654, 27.1799



23.4992, 24.5654, 26.8551



23.3862, 24.5654, 26.3198



23.1988, 24.5654, 26.6403

Rectangle

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



23.3112, 24.5654, 27.1799



23.4397, 24.5654, 27.1078



23.3862, 24.5654, 26.3198



23.2579, 24.5654, 26.3905

Sweetspot

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



23.3119, 24.5665, 27.1804



42.5813, 44.7988, 48.7859



23.3793, 24.8192, 26.8389



9.5508, 10.0482, 10.9424



65.7814, 69.2071, 75.3665

Same Dimension

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



23.3119, 24.5665, 27.1804



41.4165, 43.6740, 48.6302



23.1760, 24.2946, 27.1351



5.4938, 5.7919, 6.4342



6.1819, 5.6341, 22.8074



0.0557, 0.0667, 0.1564

Inverse Universe

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



23.4250, 24.4243, 26.7736



41.6993, 43.3201, 47.6124



23.6310, 24.9499, 26.4923



5.5274, 5.7499, 6.3135



10.6071, 5.3530, 5.7015



0.0778, 0.0385, 0.0767

Previews

White Background



This preview shows how the XYZ color 23.3112, 24.5654, 27.1799 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 23.3112, 24.5654, 27.1799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

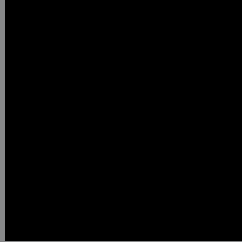
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

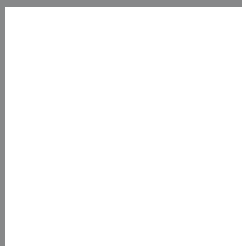
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3112, 24.5654, 27.1799

Background



This preview shows how black text looks on a background with the XYZ color 23.3112, 24.5654, 27.1799.



This preview shows how white text looks on a background with the XYZ color 23.3112, 24.5654,

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

23.3112, 24.5654, 27.1799

Protanopia

23.5891, 24.5088, 26.7799

Deuteranopia

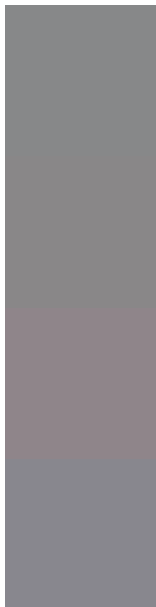
25.0515, 24.6334, 27.4791



Tritanopia

23.9282, 24.6065, 30.2764

Trichromacy



Original Color

23.3112, 24.5654, 27.1799

Protanomaly

23.4244, 24.4239, 26.7722

Deuteranomaly

24.3027, 24.4497, 27.4831

Tritanomaly

23.6998, 24.5152, 29.0740

Monochromacy



Original Color

23.3112, 24.5654, 27.1799

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.4014, 24.6201, 26.8113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3112, 24.5654, 27.1799 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(135, 136, 137) looks like.

```
.text, #text, p{  
    color:rgb(135, 136, 137)  
}
```

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(135, 136, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 136, 137) }
```

Border

The CSS property to change the border of an element to XYZ 23.3112, 24.5654, 27.1799 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(135, 136, 137) }
```

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

```
.border{ border-color:rgb(135, 136, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 136, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 136, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 136, 137);  
box-shadow:4px 4px 4px 4px rgb(135, 136,  
137) }
```


Background

The CSS property to change the background color of an element to XYZ 23.3112, 24.5654, 27.1799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 136, 137) }
```

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

```
.background{ background-color: rgb(135,  
136, 137) }
```

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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