

Converting Colors

XYZ(23.3838, 24.7926, 27.7298)

Have a look what the booklet for
XYZ(23.3838, 24.7926, 27.7298)
contains.

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Color

**XYZ(23.3646, 24.7946,
27.5992)**

Conversions

Conversions Part 1

Format	Color
Hex	86898A
RGB	134, 137, 138
RGB Percent	53%, 54%, 54%
CMY	0.4745, 0.4627, 0.4588
CMYK	0.03, 0.01, 0.00, 0.46
HSL	195°, 2%, 53%
HSV	195°, 3%, 54%
XYZ	23.3646, 24.7946, 27.5992
YIQ	136.2170, -2.1090, -0.3250

Conversions

Conversions Part 2

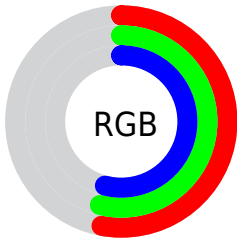
Format	Color
R_{YB}	134, 136, 138
Decimal	8817034
CIE Lab	56.87, -0.90, -0.93
CIE LCh	57, 1.292, 225.862
Yxy	24.7946, 0.3084, 0.3273
Android (android.graphics.Color)	4287007114 (0xFF86898A)
YUV	136.2170, 0.8790, -1.9443
Hunter-Lab	49.7942, -3.3834, 1.9935

Details

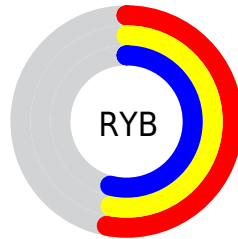
The XYZ color **23.3646, 24.7946, 27.5992** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4484, 24.4522, 26.0385**, and the grayscale version is **23.4810, 24.7038, 26.9025**.

A 20% lighter version of the original color is **48.3109, 51.1533, 56.6175**, and **8.8258, 9.4058, 10.5828** is the 20% darker color. If you saturate the color by 10%, you get **20.8256, 22.7715, 27.3429**, and if you desaturate by 10%, it is **26.2077, 26.9991, 27.8752**.

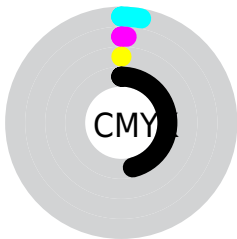
Distribution



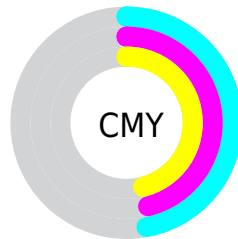
- Red (53%)
- Green (54%)
- Blue (54%)



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



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (46%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3646, 24.7946, 27.5992 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 23.3646, 24.7946, 27.5992 by changing the saturation by 10% instead.

■ 23.3646, 24.7946,
27.5992

■ 23.3646, 24.7946,
27.5992

262.0927,
276.8135, 304.3982

■ 14.9851, 15.9241,
17.7873

■ 48.4536, 51.3238,
56.8593

■ 8.8952, 9.4705,
10.6296

■ 65.8938, 69.7513,
77.1446

■ 4.7294, 5.0493,
5.7073

■ 87.0850, 92.1332,
101.7581

■ 2.1225, 2.2762,
2.6020

112.3925,
118.8540, 131.1184

■ 0.7014, 0.7611,
0.8935

142.1816,
150.2980, 165.6441

■ 0.0000, 0.0000,
0.0000

176.8178,

186.8497, 205.7535

216.6664,
228.8934, 251.8654

■ 23.3646, 24.7946,
27.5992

■ 23.3646, 24.7946,
27.5992

■ 20.8256, 22.7715,
27.3429

■ 26.2077, 26.9991,
27.8752

■ 18.5775, 20.9205,
27.1041

■ 29.3633, 29.3874,
28.1699

■ 16.6089, 19.2365,
26.8828

■ 32.8422, 31.9660,
28.4843

■ 14.9073, 17.7125,
26.6783

■ 36.6540, 34.7400,
28.8188

■ 13.4588, 16.3414,
26.4900

■ 40.8078, 37.7143,
29.1740

■ 12.2485, 15.1152,
26.3171

■ 45.3125, 40.8937,
29.5502

■ 11.2595, 14.0249,
26.1588

■ 50.1766, 44.2828,
29.9480

■ 10.4729, 13.0606,
26.0142

■ 55.4083, 47.8860,
30.3678

■ 9.8663, 12.2105,
25.8820

■ 59.8276, 51.0952,
30.7543

Harmonies

Analogous

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



23.2879, 24.7946, 27.2254



23.3646, 24.7946, 27.5992



23.4956, 24.7946, 27.8128

Triad

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



23.3646, 24.7946, 27.5992



23.8496, 24.7946, 27.2010



23.4871, 24.7946, 26.2039

Complementary

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



23.3646, 24.7946, 27.5992



23.4484, 24.4522, 26.0385

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.



23.6376, 24.7946, 26.1976



23.3646, 24.7946, 27.5992



23.8473, 24.7946, 26.7701

Square

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



23.3646, 24.7946, 27.5992



23.7758, 24.7946, 27.5812



23.7696, 24.7946, 26.4038



23.3584, 24.7946, 26.4213

Rectangle

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



23.3646, 24.7946, 27.5992



23.5962, 24.7946, 27.8341



23.7696, 24.7946, 26.4038



23.5368, 24.7946, 26.1771

Sweetspot

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



23.3653, 24.7957, 27.5997



42.0841, 44.4107, 48.7372



23.2888, 24.9931, 26.4941



9.4468, 9.9670, 10.9323



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.



23.3653, 24.7957, 27.5997



41.1064, 43.6444, 48.6408



23.0926, 24.2502, 27.5088



5.3998, 5.7434, 6.4298



8.7175, 10.7053, 23.6526



0.0695, 0.0943, 0.1610

Inverse Universe

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



23.5222, 24.2600, 27.1110



41.3986, 42.6479, 47.7307



23.7209, 24.9973, 26.1293



5.4458, 5.5867, 6.2863



11.8870, 5.8649, 12.4411



0.0848, 0.0413, 0.1134

Previews

White Background



This preview shows how the XYZ color 23.3646, 24.7946, 27.5992 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 23.3646, 24.7946, 27.5992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

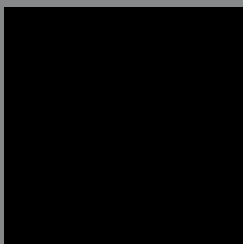
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.3646, 24.7946, 27.5992

Background



This preview shows how black text looks on a background with the XYZ color 23.3646, 24.7946, 27.5992.



This preview shows how white text looks on a background with the XYZ color 23.3646, 24.7946,

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

23.3646, 24.7946, 27.5992

Protanopia

23.8007, 24.8177, 27.2028

Deuteranopia

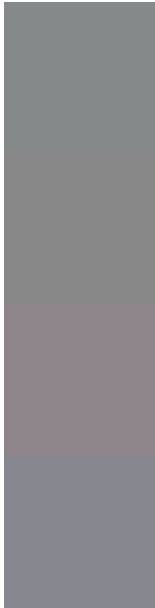
25.1242, 24.6625, 27.8622



Tritanopia

23.9841, 24.8345, 30.7236

Trichromacy



Original Color

23.3646, 24.7946, 27.5992

Protanomaly

23.6360, 24.7328, 27.1951

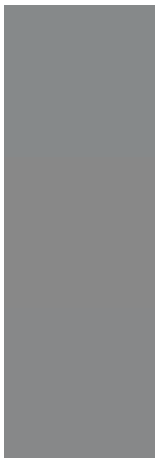
Deuteranomaly

24.5130, 24.7539, 27.9121

Tritanomaly

23.7538, 24.7424, 29.5104

Monochromacy



Original Color

23.3646, 24.7946, 27.5992

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.3112, 24.5654, 27.1799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3646, 24.7946, 27.5992 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(134, 137, 138)` looks like.

```
.text, #text, p{  
    color:rgb(134, 137, 138)  
}
```

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(134, 137, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 137, 138) }
```

Border

The CSS property to change the border of an element to XYZ 23.3646, 24.7946, 27.5992 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(134, 137, 138) }
```


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

```
.border{ border-color:rgb(134, 137, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 137, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 137, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 137, 138);  
box-shadow:4px 4px 4px 4px rgb(134, 137,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3646, 24.7946, 27.5992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 137, 138) }
```

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

```
.background{ background-color: rgb(134,  
137, 138) }
```

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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