

Converting Colors

XYZ(23.5294, 25.0639, 27.4258)

Have a look what the booklet for
XYZ(23.5294, 25.0639, 27.4258)
contains.

XYZ(23.5955, 25.1340, 27.2746)	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(23.5955, 25.1340,
27.2746)**

Conversions

Conversions Part 1

Format	Color
Hex	878A89
RGB	135, 138, 137
RGB Percent	53%, 54%, 54%
CMY	0.4706, 0.4588, 0.4627
CMYK	0.02, 0.00, 0.01, 0.46
HSL	160°, 1%, 54%
HSV	160°, 2%, 54%
XYZ	23.5955, 25.1340, 27.2746
YIQ	136.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

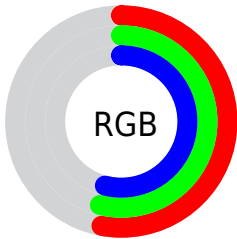
Format	Color
R_{YB}	135, 137, 138
Decimal	8882825
CIE _{Lab}	57.21, -1.30, 0.14
CIE _{LCh}	57, 1.306, 173.771
Yxy	25.1340, 0.3105, 0.3307
Android (android.graphics.Color)	4287072905 (0xFF878A89)
YUV	136.9890, 0.0054, -1.7444
Hunter-Lab	50.1338, -3.7231, 2.8378

Details

The XYZ color **23.5955, 25.1340, 27.2746** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5901, 24.5094, 26.7813**, and the grayscale version is **23.7747, 25.0128, 27.2389**.

A 20% lighter version of the original color is **48.6641, 51.6707, 56.1238**, and **8.9563, 9.5989, 10.3975** is the 20% darker color. If you saturate the color by 10%, you get **21.1941, 23.9341, 25.4738**, and if you desaturate by 10%, it is **26.3003, 26.4901, 29.1644**.

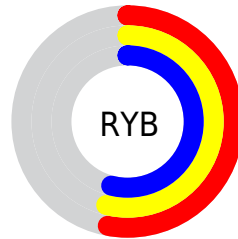
Distribution



Red (53%)

Green (54%)

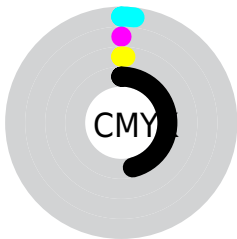
Blue (54%)



Red (53%)

Yellow (54%)

Blue (54%)

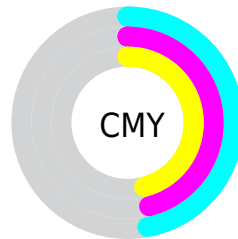


Cyan (2%)

Magenta (0%)

Yellow (1%)

Black (46%)



Cyan (47%)

Magenta (46%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5955, 25.1340, 27.2746 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 23.5955, 25.1340, 27.2746 by changing the saturation by 10% instead.

■ 23.5955, 25.1340,
27.2746

■ 23.5955, 25.1340,
27.2746

263.2476,
278.5046, 302.7864

■ 15.1569, 16.1769,
17.5453

■ 48.8288, 51.8745,
56.3333

■ 9.0166, 9.6494,
10.4580

■ 66.3543, 70.4268,
76.4997

■ 4.8092, 5.1671,
5.5941

■ 87.6394, 92.9462,
100.9824

■ 2.1694, 2.3457,
2.5351

113.0495,
119.8171, 130.1996

■ 0.7265, 0.7977,
0.8587

142.9501,
151.4241, 164.5701

■ 0.0000, 0.0000,
0.0000

177.7064,

188.1514, 204.5124

217.6838,
230.3834, 250.4450

■ 23.5955, 25.1340,
27.2746

■ 23.5955, 25.1340,
27.2746

■ 21.1941, 23.9341,
25.4738

■ 26.3003, 26.4901,
29.1644

■ 19.0828, 22.8815,
23.7588

■ 29.3169, 28.0045,
31.1428

■ 17.2504, 21.9710,
22.1288

■ 32.6562, 29.6836,
33.2118

■ 15.6843, 21.1963,
20.5822

■ 36.3275, 31.5323,
35.3727

■ 14.3708, 20.5502,
19.1173

■ 40.3402, 33.5551,
37.6267

■ 13.2948, 20.0251,
17.7326

■ 44.7030, 35.7568,
39.9752

■ 12.4398, 19.6123,
16.4262

■ 49.4245, 38.1416,
42.4192

■ 11.7870, 19.3023,
15.1962

■ 54.5128, 40.7138,
44.9601

■ 11.3141, 19.0836,
14.0405

■ 58.4123, 42.6713,
47.5258

Harmonies

Analogous

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



23.6507, 25.1340, 26.8677



23.5955, 25.1340, 27.2746



23.6187, 25.1340, 27.7105

Triad

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



23.5955, 25.1340, 27.2746



24.0089, 25.1340, 28.1513



24.0648, 25.1340, 26.6872

Complementary

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



23.5955, 25.1340, 27.2746



23.5901, 24.5094, 26.7813

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.



24.1616, 25.1340, 27.0257



23.5955, 25.1340, 27.2746



24.1291, 25.1340, 27.8717

Square

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



23.5955, 25.1340, 27.2746



23.8569, 25.1340, 28.2197



24.1852, 25.1340, 27.4589



23.9213, 25.1340, 26.5310

Rectangle

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



23.5955, 25.1340, 27.2746



23.6756, 25.1340, 27.9584



24.1852, 25.1340, 27.4589



24.1039, 25.1340, 26.7833

Sweetspot

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



23.5962, 25.1351, 27.2751



42.1129, 44.5643, 48.4511



23.6240, 25.1658, 26.5344



9.4528, 9.9991, 10.8724



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.



23.5962, 25.1351, 27.2751



41.1929, 44.1038, 47.7864



23.6040, 25.0350, 27.6342



5.4134, 5.8159, 6.2950



10.1078, 17.3757, 12.1246



0.0740, 0.1182, 0.1165

Inverse Universe

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



23.5901, 24.5094, 26.7813



41.1777, 42.5595, 46.5675



23.5821, 24.6070, 26.4287



5.4110, 5.5728, 6.1031



10.0696, 5.1380, 2.8710



0.0732, 0.0366, 0.0521

Previews

White Background



This preview shows how the XYZ color 23.5955, 25.1340, 27.2746 looks on a white background.

Color Contrast Check

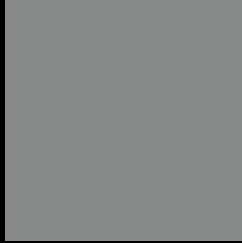
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5955, 25.1340, 27.2746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

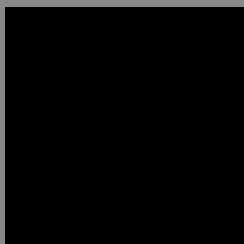
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

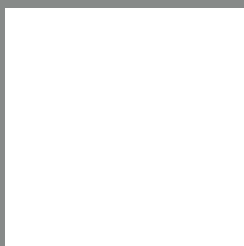
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5955, 25.1340, 27.2746

Background



This preview shows how black text looks on a background with the XYZ color 23.5955, 25.1340, 27.2746.



This preview shows how white text looks on a background with the XYZ color 23.5955, 25.1340,

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

23.5955, 25.1340, 27.2746

Protanopia

24.2048, 25.2443, 26.8895

Deuteranopia

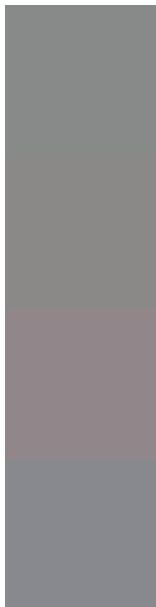
25.5527, 25.0941, 27.5416



Tritanopia

24.3871, 25.0333, 31.1503

Trichromacy



Original Color

23.5955, 25.1340, 27.2746

Protanomaly

23.8708, 25.0722, 26.8738

Deuteranomaly

24.9285, 25.1827, 27.5916

Tritanomaly

24.0569, 25.1087, 29.5651

Monochromacy



Original Color

23.5955, 25.1340, 27.2746

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.6144, 24.9317, 27.2346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5955, 25.1340, 27.2746 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, 138, 137)` looks like.

```
.text, #text, p{  
    color:rgb(135, 138, 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, 138, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 138, 137) }
```

Border

The CSS property to change the border of an element to XYZ 23.5955, 25.1340, 27.2746 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, 138, 137) }
```


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

```
.border{ border-color:rgb(135, 138, 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, 138, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 138, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 138, 137);  
box-shadow:4px 4px 4px 4px rgb(135, 138,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5955, 25.1340, 27.2746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 138, 137) }
```

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

```
.background{ background-color: rgb(135,  
138, 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](#).

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