

Converting Colors

XYZ(25.1223, 25.4977, 36.8552)

Have a look what the booklet for
XYZ(25.1223, 25.4977, 36.8552)
contains.

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Color

**XYZ(25.1223, 25.4977,
36.8552)**

Conversions

Conversions Part 1

Format	Color
Hex	8689A0
RGB	134, 137, 160
RGB Percent	53%, 54%, 63%
CMY	0.4745, 0.4627, 0.3725
CMYK	0.16, 0.14, 0.00, 0.37
HSL	233°, 12%, 58%
HSV	233°, 16%, 63%
XYZ	25.1223, 25.4977, 36.8552
YIQ	138.7250, -9.1710, 6.5170

Conversions

Conversions Part 2

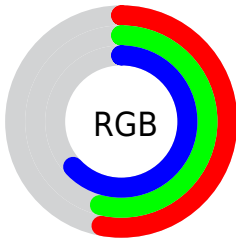
Format	Color
RYB	134, 137, 160
Decimal	8817056
CIELab	57.56, 3.82, -12.56
CIElCh	58, 13.129, 286.933
Yxy	25.4977, 0.2872, 0.2915
Android (android.graphics.Color)	4287007136 (0xFF8689A0)
YUV	138.7250, 10.4886, -4.1438
Hunter-Lab	50.4952, 0.4403, -7.9276

Details

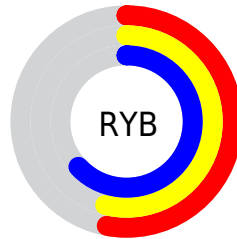
The XYZ color **25.1223, 25.4977, 36.8552** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **30.8574, 33.3086, 27.3576**, and the grayscale version is **24.3990, 25.6697, 27.9543**.

A 20% lighter version of the original color is **51.1727, 52.2980, 71.6874**, and **9.8247, 9.8053, 15.8428** is the 20% darker color. If you saturate the color by 10%, you get **20.8810, 20.5186, 36.1181**, and if you desaturate by 10%, it is **30.0149, 31.2057, 37.6995**.

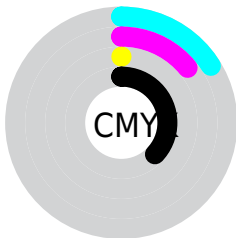
Distribution



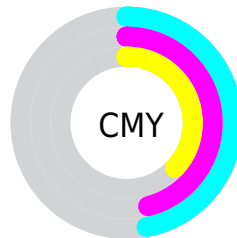
- Red (53%)
- Green (54%)
- Blue (63%)



- Red (53%)
- Yellow (54%)
- Blue (63%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)
- Black (37%)



- Cyan (47%)
- Magenta (46%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1223, 25.4977, 36.8552 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 25.1223, 25.4977, 36.8552 by changing the saturation by 10% instead.

■ 25.1223, 25.4977,
36.8552

■ 25.1223, 25.4977,
36.8552

270.7829,
280.3075, 347.8330

■ 16.2974, 16.4482,
24.8005

■ 51.2970, 52.4635,
71.5339

■ 9.8270, 9.8419,
15.7108

■ 69.3776, 71.1486,
94.9949

■ 5.3458, 5.2943,
9.1676

■ 91.2741, 93.8144,
123.0951

■ 2.4884, 2.4209,
4.7524

117.3518,
120.8453, 156.2531

■ 0.8894, 0.8366,
2.0465

147.9762,
152.6257, 194.8873

■ 0.0000, 0.0000,
0.5837

183.5126,

■ 0.0000, 0.0000,

189.5399, 239.4163

0.0000

224.3264,
231.9724, 290.2587

■ 25.1223, 25.4977,
36.8552

■ 25.1223, 25.4977,
36.8552

■ 20.8810, 20.5186,
36.1181

■ 30.0149, 31.2057,
37.6995

■ 17.2613, 16.2358,
35.4822

■ 35.5823, 37.6670,
38.6532

■ 14.2344, 12.6192,
34.9437

■ 41.8498, 44.9089,
39.7207

■ 11.7686, 9.6351,
34.4976

■ 48.8404, 52.9562,
40.9055

■ 9.8288, 7.2468,
34.1389

■ 56.5764, 61.8327,
42.2112

■ 8.3765, 5.4139,
33.8616

■ 65.0789, 71.5613,
43.6408

■ 7.3671, 4.0907,
33.6594

■ 74.3683, 82.1640,
45.1977

■ 6.7425, 3.2211,
33.5245

■ 81.8409, 92.3094,
46.7622

■ 6.5693, 2.9862,
33.4883

■ 83.3452, 95.3181,
47.2636

Harmonies

Analogous

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



23.5605, 25.4977, 37.0374



25.1223, 25.4977, 36.8552



26.5015, 25.4977, 34.0766

Triad

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



25.1223, 25.4977, 36.8552



26.3494, 25.4977, 21.9279



21.4188, 25.4977, 25.8585

Complementary

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



25.1223, 25.4977, 36.8552



30.8574, 33.3086, 27.3576

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.



22.1012, 25.4977, 22.2812



25.1223, 25.4977, 36.8552



24.9219, 25.4977, 20.1820

Square

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



25.1223, 25.4977, 36.8552



27.2306, 25.4977, 25.3263



23.3684, 25.4977, 20.3040



21.4672, 25.4977, 30.3505

Rectangle

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



25.1223, 25.4977, 36.8552



27.1117, 25.4977, 31.2799



23.3684, 25.4977, 20.3040



21.5690, 25.4977, 24.5195

Sweetspot

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



25.1231, 25.4988, 36.8558



55.6001, 57.9421, 68.6400



28.4857, 32.6436, 36.6833



12.0556, 12.5467, 15.0300



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.1231, 25.4988, 36.8558



43.0909, 43.3404, 66.4809



26.3665, 25.5150, 36.7934



6.3434, 6.5525, 8.3371



5.1354, 2.3623, 26.0925



0.1076, 0.0737, 0.4718

Inverse Universe

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



27.5383, 26.3305, 27.2990



48.2158, 45.1384, 46.1943



29.4582, 33.3505, 27.4394



6.6627, 6.6580, 7.0747



11.3903, 5.8607, 1.0404



0.2116, 0.1080, 0.0604

Previews

White Background



This preview shows how the XYZ color 25.1223, 25.4977, 36.8552 looks on a white background.

Color Contrast Check

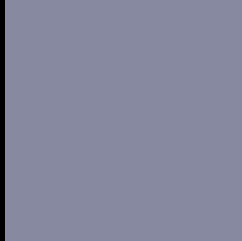
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1223, 25.4977, 36.8552 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

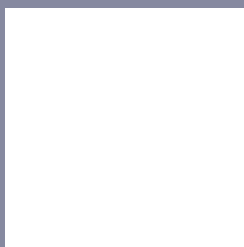
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1223, 25.4977, 36.8552

Background



This preview shows how black text looks on a background with the XYZ color 25.1223, 25.4977, 36.8552.



This preview shows how white text looks on a background with the XYZ color 25.1223, 25.4977,

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

25.1223, 25.4977, 36.8552

Protanopia

25.1223, 25.4977, 36.8552

Deuteranopia

25.9936, 25.5287, 36.8152



Tritanopia

24.2534, 25.5728, 32.5119

Trichromacy



Original Color

25.1223, 25.4977, 36.8552

Protanomaly

25.1223, 25.4977, 36.8552

Deuteranomaly

25.6306, 25.5497, 36.8384

Tritanomaly

24.5941, 25.4966, 34.1969

Monochromacy



Original Color

25.1223, 25.4977, 36.8552

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.6715, 25.6019, 31.2451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1223, 25.4977, 36.8552 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(134, 137, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 137, 160) }
```

Border

The CSS property to change the border of an element to XYZ 25.1223, 25.4977, 36.8552 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, 160) }
```


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

```
.border{ border-color:rgb(134, 137, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 137, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 137, 160);  
box-shadow:4px 4px 4px 4px rgb(134, 137,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1223, 25.4977, 36.8552 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, 160) }
```

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

```
.background{ background-color: rgb(134,  
137, 160) }
```

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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