

Converting Colors

XYZ(25.5234, 24.0984, 35.6540)

Have a look what the booklet for
XYZ(25.5234, 24.0984, 35.6540)
contains.

XYZ(25.5234, 24.0984, 35.6540)	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(25.5234, 24.0984,
35.6540)**

Conversions

Conversions Part 1

Format	Color
Hex	90819E
RGB	144, 129, 158
RGB Percent	56%, 51%, 62%
CMY	0.4353, 0.4941, 0.3804
CMYK	0.09, 0.18, 0.00, 0.38
HSL	271°, 13%, 56%
HSV	271°, 18%, 62%
XYZ	25.5234, 24.0984, 35.6540
YIQ	136.7910, -0.3690, 12.1990

Conversions

Conversions Part 2

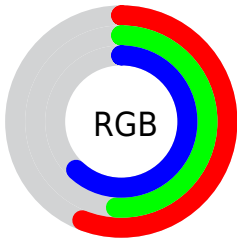
Format	Color
R_YB	144, 129, 158
Decimal	9470366
CIE _{Lab}	56.19, 11.43, -13.39
CIE _{LCh}	56, 17.609, 310.484
Yxy	24.0984, 0.2993, 0.2826
Android (android.graphics.Color)	4287660446 (0xFF90819E)
YUV	136.7910, 10.4560, 6.3223
Hunter-Lab	49.0901, 6.8997, -8.6991

Details

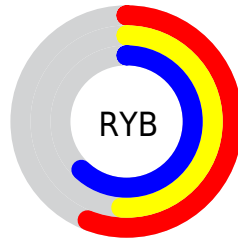
The XYZ color **25.5234, 24.0984, 35.6540** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **27.5178, 31.8790, 25.4729**, and the grayscale version is **23.6615, 24.8937, 27.1093**.

A 20% lighter version of the original color is **52.0269, 50.2658, 69.9109**, and **10.0367, 9.1260, 15.1424** is the 20% darker color. If you saturate the color by 10%, you get **22.3135, 19.5898, 34.9533**, and if you desaturate by 10%, it is **29.1466, 29.2991, 36.4672**.

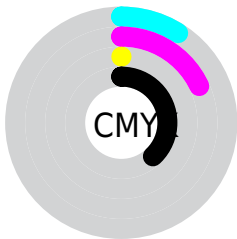
Distribution



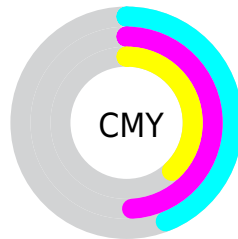
- Red (56%)
- Green (51%)
- Blue (62%)



- Red (56%)
- Yellow (51%)
- Blue (62%)



- Cyan (9%)
- Magenta (18%)
- Yellow (0%)
- Black (38%)



- Cyan (44%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5234, 24.0984, 35.6540 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 25.5234, 24.0984, 35.6540 by changing the saturation by 10% instead.

■ 25.5234, 24.0984,
35.6540

■ 25.5234, 24.0984,
35.6540

272.7344,
273.3176, 342.4373

■ 16.5982, 15.4066,
23.8795

■ 51.9419, 50.1907,
69.6607

■ 10.0420, 9.1053,
15.0329

■ 70.1659, 68.3601,
92.7300

■ 5.4893, 4.8099,
8.6956

■ 92.2202, 90.4574,
120.4013

■ 2.5748, 2.1362,
4.4491

118.4703,
116.8671, 153.0932

■ 0.9331, 0.6848,
1.8748

149.2813,
147.9736, 191.2242

■ 0.0000, 0.0000,
0.4766

185.0188,

■ 0.0000, 0.0000,

184.1612, 235.2129

0.0000

226.0480,
225.8144, 285.4777

■ 25.5234, 24.0984,
35.6540

■ 25.5234, 24.0984,
35.6540

■ 22.3135, 19.5898,
34.9533

■ 29.1466, 29.2991,
36.4672

■ 19.4983, 15.7399,
34.3586

■ 33.1965, 35.2172,
37.3961

■ 17.0607, 12.5170,
33.8650

■ 37.6883, 41.8808,
38.4456

■ 14.9815, 9.8853,
33.4666

■ 42.6361, 49.3151,
39.6198

■ 13.2397, 7.8058,
33.1570

■ 48.0532, 57.5445,
40.9227

■ 11.8117, 6.2340,
32.9289

■ 53.9522, 66.5920,
42.3581

■ 10.6701, 5.1186,
32.7738

■ 60.3453, 76.4798,
43.9297

■ 9.7652, 4.3631,
32.6756

■ 67.1154, 86.9714,
45.5979

■ 9.6271, 4.2500,
32.6611

■ 69.2717, 88.0830,
45.6989

Harmonies

Analogous

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



23.6197, 24.0984, 38.7844



25.5234, 24.0984, 35.6540



26.7691, 24.0984, 30.1383

Triad

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



25.5234, 24.0984, 35.6540



24.2286, 24.0984, 17.0795



19.2898, 24.0984, 28.3182

Complementary

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



25.5234, 24.0984, 35.6540



27.5178, 31.8790, 25.4729

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.



19.4315, 24.0984, 22.6916



25.5234, 24.0984, 35.6540



22.2045, 24.0984, 16.7408

Square

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



25.5234, 24.0984, 35.6540



25.9917, 24.0984, 19.6523



20.4717, 24.0984, 18.6472



20.0726, 24.0984, 34.1541

Rectangle

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



25.5234, 24.0984, 35.6540



27.0176, 24.0984, 26.1451



20.4717, 24.0984, 18.6472



19.2321, 24.0984, 26.3332

Sweetspot

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



25.5241, 24.0994, 35.6545



54.5054, 55.4941, 66.5821



25.0507, 26.7866, 36.1982



12.1915, 12.3706, 14.9889



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.



25.5241, 24.0994, 35.6545



43.8855, 40.2769, 64.2047



28.0815, 25.4226, 35.5575



6.5955, 6.5955, 8.3321



7.7560, 3.4274, 26.1600



0.1874, 0.0864, 0.4700

Inverse Universe

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



26.9095, 24.9538, 29.3860



46.9226, 42.1494, 50.4880



25.2756, 30.7193, 25.5361



6.7598, 6.6968, 7.5860



12.3655, 6.2507, 6.1754



0.2424, 0.1203, 0.2226

Previews

White Background



This preview shows how the XYZ color 25.5234, 24.0984, 35.6540 looks on a white background.

Color Contrast Check

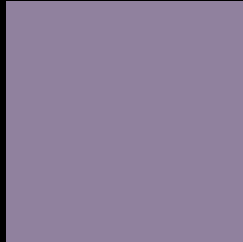
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5234, 24.0984, 35.6540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

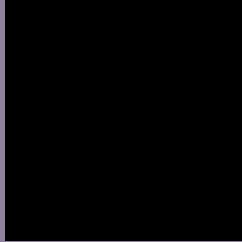
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5234, 24.0984, 35.6540

Background



This preview shows how black text looks on a background with the XYZ color 25.5234, 24.0984, 35.6540.



This preview shows how white text looks on a background with the XYZ color 25.5234, 24.0984,

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

25.5234, 24.0984, 35.6540

Protanopia

24.0114, 24.2905, 37.1412

Deuteranopia

24.7393, 24.2895, 35.7322



Tritanopia

24.1183, 24.1182, 28.9753

Trichromacy



Original Color

25.5234, 24.0984, 35.6540

Protanomaly

24.4279, 24.1089, 36.6237

Deuteranomaly

25.1031, 24.2767, 35.7105

Tritanomaly

24.6169, 24.1215, 31.3754

Monochromacy



Original Color

25.5234, 24.0984, 35.6540

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.4511, 24.6700, 30.2611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5234, 24.0984, 35.6540 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(144, 129, 158)` looks like.

```
.text, #text, p{  
    color:rgb(144, 129, 158)  
}
```

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(144, 129, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 129, 158) }
```

Border

The CSS property to change the border of an element to XYZ 25.5234, 24.0984, 35.6540 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(144, 129, 158) }
```


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

```
.border{ border-color:rgb(144, 129, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 129, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 129, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 129, 158);  
box-shadow:4px 4px 4px 4px rgb(144, 129,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5234, 24.0984, 35.6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 129, 158) }
```

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

```
.background{ background-color: rgb(144,  
129, 158) }
```

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