

Converting Colors

XYZ(23.9223, 25.3136, 33.7622)

Have a look what the booklet for
XYZ(23.9223, 25.3136, 33.7622)
contains.

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Color

**XYZ(24.0356, 25.4323,
33.7791)**

Conversions

Conversions Part 1

Format	Color
Hex	818B99
RGB	129, 139, 153
RGB Percent	51%, 55%, 60%
CMY	0.4941, 0.4549, 0.4000
CMYK	0.16, 0.09, 0.00, 0.40
HSL	215°, 11%, 55%
HSV	215°, 16%, 60%
XYZ	24.0356, 25.4323, 33.7791
YIQ	137.6060, -10.4540, 2.2340

Conversions

Conversions Part 2

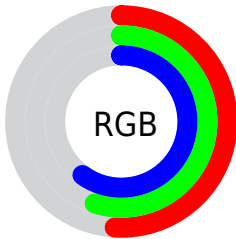
Format	Color
R_YB	129, 136, 153
Decimal	8489881
CIE Lab	57.49, -0.60, -8.68
CIE LCh	57, 8.698, 266.046
Yxy	25.4323, 0.2887, 0.3055
Android (android.graphics.Color)	4286679961 (0xFF818B99)
YUV	137.6060, 7.5892, -7.5475
Hunter-Lab	50.4304, -3.1786, -4.4121

Details

The XYZ color **24.0356, 25.4323, 33.7791** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.9218, 28.0019, 24.7552**, and the grayscale version is **23.9830, 25.2320, 27.4776**.

A 20% lighter version of the original color is **49.4035, 52.1494, 66.4935**, and **9.2789, 9.8095, 13.9748** is the 20% darker color. If you saturate the color by 10%, you get **20.6437, 21.8438, 33.2656**, and if you desaturate by 10%, it is **27.8825, 29.4133, 34.3452**.

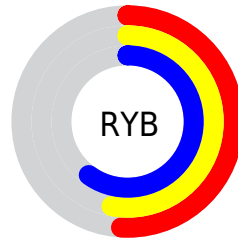
Distribution



Red (51%)

Green (55%)

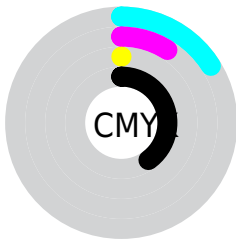
Blue (60%)



Red (51%)

Yellow (53%)

Blue (60%)

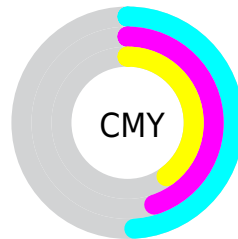


Cyan (16%)

Magenta (9%)

Yellow (0%)

Black (40%)



Cyan (49%)

Magenta (45%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0356, 25.4323, 33.7791 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 24.0356, 25.4323, 33.7791 by changing the saturation by 10% instead.

■ 24.0356, 25.4323,
33.7791

■ 24.0356, 25.4323,
33.7791

265.4375,
279.9840, 333.8850

■ 15.4849, 16.3994,
22.4480

■ 49.5425, 52.3577,
66.7200

■ 9.2489, 9.8072,
13.9850

■ 67.2295, 71.0190,
89.1668

■ 4.9623, 5.2713,
7.9716

■ 88.6926, 93.6585,
116.1559

■ 2.2597, 2.4073,
3.9893

114.2972,
120.6607, 148.1059

■ 0.7739, 0.8297,
1.6195

144.4086,
152.4100, 185.4352

■ 0.0000, 0.0000,
0.3046

179.3922,

■ 0.0000, 0.0000,

189.2907, 228.5625

0.0000

219.6134,
231.6873, 277.9062

■ 24.0356, 25.4323,
33.7791

■ 24.0356, 25.4323,
33.7791

■ 20.6437, 21.8438,
33.2656

■ 27.8825, 29.4133,
34.3452

■ 17.6866, 18.6317,
32.8015

■ 32.1991, 33.7958,
34.9636

■ 15.1459, 15.7833,
32.3856

■ 37.0020, 38.5928,
35.6363

■ 13.0009, 13.2839,
32.0162

■ 42.3065, 43.8153,
36.3648

■ 11.2290, 11.1176,
31.6915

■ 48.1271, 49.4742,
37.1503

■ 9.8050, 9.2670,
31.4093

■ 54.4776, 55.5798,
37.9941

■ 8.7002, 7.7128,
31.1676

■ 61.3716, 62.1420,
38.8974

■ 7.8764, 6.4304,
30.9635

■ 68.8217, 69.1706,
39.8614

■ 7.5701, 5.9404,
30.8850

■ 72.4036, 74.3875,
40.6795

Harmonies

Analogous

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



23.0775, 25.4323, 32.6963



24.0356, 25.4323, 33.7791



25.0576, 25.4323, 33.1375

Triad

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



24.0356, 25.4323, 33.7791



26.0061, 25.4323, 25.2621



22.5583, 25.4323, 24.6269

Complementary

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



24.0356, 25.4323, 33.7791



26.9218, 28.0019, 24.7552

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.



23.3088, 25.4323, 22.8774



24.0356, 25.4323, 33.7791



25.3019, 25.4323, 23.2253

Square

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



24.0356, 25.4323, 33.7791



26.2140, 25.4323, 28.0865



24.3102, 25.4323, 22.3830



22.2401, 25.4323, 27.3001

Rectangle

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



24.0356, 25.4323, 33.7791



25.6346, 25.4323, 31.8412



24.3102, 25.4323, 22.3830



22.7673, 25.4323, 23.9189

Sweetspot

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



24.0364, 25.4334, 33.7797



50.3643, 53.1160, 61.5699



25.3725, 29.4211, 30.1699



11.0171, 11.6222, 13.5801



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.0364, 25.4334, 33.7797



40.7114, 43.0959, 60.1446



22.8986, 22.7942, 33.3302



6.0854, 6.4282, 7.8490



6.2880, 4.9727, 25.5361



0.1287, 0.1438, 0.3933

Inverse Universe

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



25.6479, 24.3373, 27.7732



44.2124, 40.8250, 47.0711



28.1909, 30.9855, 25.2642



6.3102, 6.2633, 7.0138



11.6327, 5.9073, 4.5906



0.1914, 0.0953, 0.1609

Previews

White Background



This preview shows how the XYZ color 24.0356, 25.4323, 33.7791 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 24.0356, 25.4323, 33.7791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

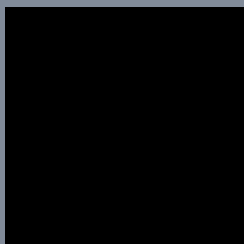
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

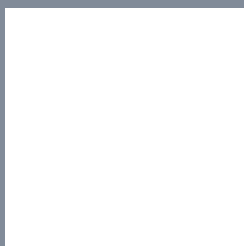
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0356, 25.4323, 33.7791

Background



This preview shows how black text looks on a background with the XYZ color 24.0356, 25.4323, 33.7791.



This preview shows how white text looks on a background with the XYZ color 24.0356, 25.4323,

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

24.0356, 25.4323, 33.7791

Protanopia

24.7665, 25.3926, 33.3017

Deuteranopia

25.8594, 25.3126, 34.0947



Tritanopia

23.7909, 25.3344, 32.4903

Trichromacy



Original Color

24.0356, 25.4323, 33.7791

Protanomaly

24.4288, 25.4305, 33.3268

Deuteranomaly

25.2844, 25.4304, 34.1478

Tritanomaly

23.8718, 25.3667, 32.9162

Monochromacy



Original Color

24.0356, 25.4323, 33.7791

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.0381, 25.3110, 29.6052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0356, 25.4323, 33.7791 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(129, 139, 153)` looks like.

```
.text, #text, p{  
    color:rgb(129, 139, 153)  
}
```

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(129, 139, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 139, 153) }
```

Border

The CSS property to change the border of an element to XYZ 24.0356, 25.4323, 33.7791 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(129, 139, 153) }
```


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

```
.border{ border-color:rgb(129, 139, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 139, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 139, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 139, 153);  
box-shadow:4px 4px 4px 4px rgb(129, 139,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0356, 25.4323, 33.7791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 139, 153) }
```

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

```
.background{ background-color: rgb(129,  
139, 153) }
```

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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