

Converting Colors

XYZ(23.1122, 24.0516, 33.4586)

Have a look what the booklet for
XYZ(23.1122, 24.0516, 33.4586)
contains.

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Color

**XYZ(23.1661, 24.1399,
33.5755)**

Conversions

Conversions Part 1

Format	Color
Hex	7F8799
RGB	127, 135, 153
RGB Percent	50%, 53%, 60%
CMY	0.5020, 0.4706, 0.4000
CMYK	0.17, 0.12, 0.00, 0.40
HSL	222°, 11%, 55%
HSV	222°, 17%, 60%
XYZ	23.1661, 24.1399, 33.5755
YIQ	134.6600, -10.5460, 3.9020

Conversions

Conversions Part 2

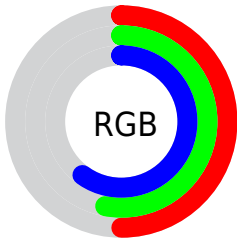
Format	Color
R_{YB}	127, 133, 153
Decimal	8357785
CIE Lab	56.23, 1.00, -10.59
CIE LCh	56, 10.636, 275.396
Yxy	24.1399, 0.2864, 0.2985
Android (android.graphics.Color)	4286547865 (0xFF7F8799)
YUV	134.6600, 9.0416, -6.7178
Hunter-Lab	49.1324, -1.8182, -6.1242

Details

The XYZ color **23.1661, 24.1399, 33.5755** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.0931, 28.5552, 24.1628**, and the grayscale version is **22.8742, 24.0655, 26.2073**.

A 20% lighter version of the original color is **48.0681, 50.1747, 66.1827**, and **8.7887, 9.0760, 13.8590** is the 20% darker color. If you saturate the color by 10%, you get **19.6534, 20.2439, 33.0090**, and if you desaturate by 10%, it is **27.1734, 28.5103, 34.2083**.

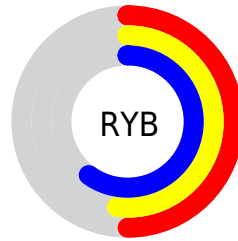
Distribution



Red (50%)

Green (53%)

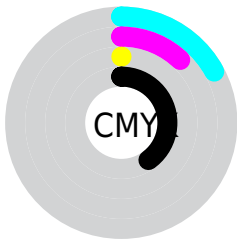
Blue (60%)



Red (50%)

Yellow (52%)

Blue (60%)

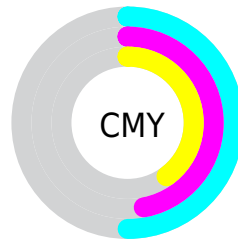


Cyan (17%)

Magenta (12%)

Yellow (0%)

Black (40%)



Cyan (50%)

Magenta (47%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1661, 24.1399, 33.5755 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 23.1661, 24.1399, 33.5755 by changing the saturation by 10% instead.

■ 23.1661, 24.1399,
33.5755

■ 23.1661, 24.1399,
33.5755

261.0964,
273.5270, 332.9462

■ 14.8376, 15.4374,
22.2930

■ 48.1306, 50.2584,
66.3993

■ 8.7910, 9.1270,
13.8720

■ 65.4972, 68.4432,
88.7777

■ 4.6612, 4.8241,
7.8939

■ 86.6073, 90.5576,
115.6917

■ 2.0826, 2.1444,
3.9403

111.8261,
116.9860, 147.5600

■ 0.6797, 0.6894,
1.5927

141.5191,
148.1127, 184.8011

■ 0.0000, 0.0000,
0.2856

176.0516,

■ 0.0000, 0.0000,

184.3222, 227.8334

0.0000

215.7889,
225.9988, 277.0756

■ 23.1661, 24.1399,
33.5755

■ 23.1661, 24.1399,
33.5755

■ 19.6534, 20.2439,
33.0090

■ 27.1734, 28.5103,
34.2083

■ 16.6132, 16.8028,
32.5051

■ 31.6917, 33.3679,
34.9077

■ 14.0250, 13.8000,
32.0619

■ 36.7394, 38.7285,
35.6764

■ 11.8659, 11.2167,
31.6770

■ 42.3334, 44.6066,
36.5161

■ 10.1110, 9.0326,
31.3480

■ 48.4897, 51.0158,
37.4288

■ 8.7322, 7.2256,
31.0718

■ 55.2236, 57.9692,
38.4160

■ 7.6979, 5.7708,
30.8456

■ 62.5500, 65.4797,
39.4795

■ 6.9598, 4.6344,
30.6651

■ 70.4831, 73.5594,
40.6209

■ 6.7700, 4.3402,
30.6183

■ 75.3766, 80.3335,
41.6705

Harmonies

Analogous

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



21.9790, 24.1399, 32.8954



23.1661, 24.1399, 33.5755



24.3335, 24.1399, 32.1654

Triad

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



23.1661, 24.1399, 33.5755



24.9151, 24.1399, 22.5731



20.8719, 24.1399, 23.5788

Complementary

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



23.1661, 24.1399, 33.5755



27.0931, 28.5552, 24.1628

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.



21.6089, 24.1399, 21.1676



23.1661, 24.1399, 33.5755



23.9373, 24.1399, 20.6241

Square

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



23.1661, 24.1399, 33.5755



25.3660, 24.1399, 25.6560



22.7238, 24.1399, 20.1333



20.6818, 24.1399, 26.9227

Rectangle

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



23.1661, 24.1399, 33.5755



24.9348, 24.1399, 30.2975



22.7238, 24.1399, 20.1333



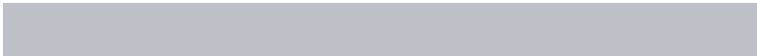
21.0626, 24.1399, 22.6421

Sweetspot

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



23.1668, 24.1409, 33.5760



50.1254, 52.6382, 61.4903



25.2369, 29.3321, 31.0258



10.9580, 11.5040, 13.5604



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.



23.1668, 24.1409, 33.5760



39.2507, 40.7654, 59.7717



22.8188, 22.3658, 33.2518



6.0318, 6.3210, 7.8311



5.6220, 3.6407, 25.3141



0.1136, 0.1136, 0.3883

Inverse Universe

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



25.1000, 23.7008, 26.1747



43.3308, 39.9202, 44.1315



27.4774, 30.6329, 24.5436



6.2832, 6.2524, 6.8714



11.2965, 5.7728, 2.8203



0.1838, 0.0923, 0.1208

Previews

White Background



This preview shows how the XYZ color 23.1661, 24.1399, 33.5755 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 23.1661, 24.1399, 33.5755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

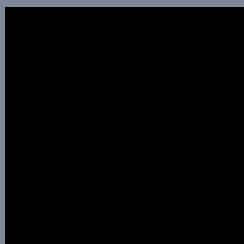
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

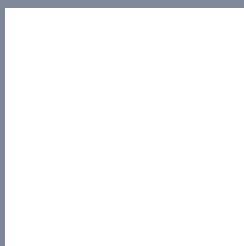
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1661, 24.1399, 33.5755

Background



This preview shows how black text looks on a background with the XYZ color 23.1661, 24.1399, 33.5755.



This preview shows how white text looks on a background with the XYZ color 23.1661, 24.1399,

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

23.1661, 24.1399, 33.5755

Protanopia

23.7083, 24.2227, 33.1317

Deuteranopia

24.5965, 24.0547, 33.9185



Tritanopia

22.6748, 24.1505, 31.0702

Trichromacy



Original Color

23.1661, 24.1399, 33.5755

Protanomaly

23.3985, 24.0630, 33.1172

Deuteranomaly

24.0757, 23.9865, 33.9328

Tritanomaly

22.8332, 24.2139, 31.9041

Monochromacy



Original Color

23.1661, 24.1399, 33.5755

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.0622, 24.1865, 29.0441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1661, 24.1399, 33.5755 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(127, 135, 153)` looks like.

```
.text, #text, p{  
    color:rgb(127, 135, 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(127, 135, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 135, 153) }
```

Border

The CSS property to change the border of an element to XYZ 23.1661, 24.1399, 33.5755 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(127, 135, 153) }
```


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

```
.border{ border-color:rgb(127, 135, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 135, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 135, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 135, 153);  
box-shadow:4px 4px 4px 4px rgb(127, 135,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1661, 24.1399, 33.5755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 135, 153) }
```

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

```
.background{ background-color: rgb(127,  
135, 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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