

Converting Colors

XYZ(23.5691, 23.9139, 30.4813)

Have a look what the booklet for
XYZ(23.5691, 23.9139, 30.4813)
contains.

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Color

**XYZ(23.5675, 24.0013,
30.5847)**

Conversions

Conversions Part 1

Format	Color
Hex	878592
RGB	135, 133, 146
RGB Percent	53%, 52%, 57%
CMY	0.4706, 0.4784, 0.4274
CMYK	0.08, 0.09, 0.00, 0.43
HSL	249°, 6%, 55%
HSV	249°, 9%, 57%
XYZ	23.5675, 24.0013, 30.5847
YIQ	135.0800, -2.9810, 4.4670

Conversions

Conversions Part 2

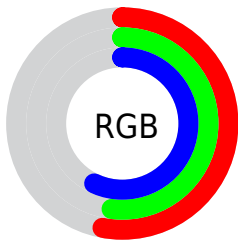
Format	Color
R _Y B	135, 133, 146
Decimal	8881554
CIE Lab	56.09, 3.39, -6.69
CIE LCh	56, 7.501, 296.876
Yxy	24.0013, 0.3016, 0.3071
Android (android.graphics.Color)	4287071634 (0xFF878592)
YUV	135.0800, 5.3836, -0.0702
Hunter-Lab	48.9911, 0.1341, -2.7204

Details

The XYZ color **23.5675, 24.0013, 30.5847** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.0151, 28.1812, 26.2599**, and the grayscale version is **23.0408, 24.2408, 26.3982**.

A 20% lighter version of the original color is **48.7233, 49.9793, 61.7226**, and **9.0280, 9.1165, 12.3502** is the 20% darker color. If you saturate the color by 10%, you get **19.8321, 19.3122, 29.8769**, and if you desaturate by 10%, it is **27.8130, 29.3671, 31.3970**.

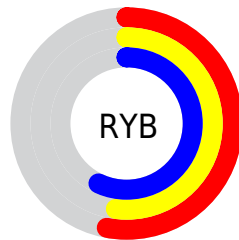
Distribution



Red (53%)

Green (52%)

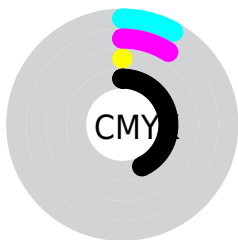
Blue (57%)



Red (53%)

Yellow (52%)

Blue (57%)

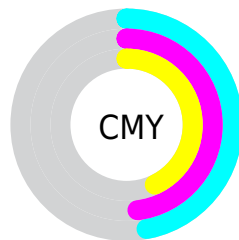


Cyan (8%)

Magenta (9%)

Yellow (0%)

Black (43%)



Cyan (47%)

Magenta (48%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5675, 24.0013, 30.5847 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 23.5675, 24.0013, 30.5847 by changing the saturation by 10% instead.

■ 23.5675, 24.0013,
30.5847

■ 23.5675, 24.0013,
30.5847

263.1078,
272.8271, 318.9122

■ 15.1361, 15.3346,
20.0270

■ 48.7833, 50.0323,
61.6575

■ 9.0019, 9.0545,
12.2304

■ 66.2985, 68.1654,
83.0097

■ 4.7995, 4.7768,
6.7764

■ 87.5722, 90.2228,
108.7972

■ 2.1637, 2.1169,
3.2463

112.9700,
116.5888, 139.4384

■ 0.7235, 0.6741,
1.2217

142.8570,
147.6478, 175.3520

■ 0.0000, 0.0000,
0.0000

177.5988,

183.7842, 216.9565

217.5606,
225.3825, 264.6704

■ 23.5675, 24.0013,
30.5847

■ 23.5675, 24.0013,
30.5847

■ 19.8321, 19.3122,
29.8769

■ 27.8130, 29.3671,
31.3970

■ 16.5853, 15.2700,
29.2678

■ 32.5845, 35.4319,
32.3161

■ 13.8074, 11.8469,
28.7534

■ 37.9003, 42.2206,
33.3463

■ 11.4765, 9.0122,
28.3291

■ 43.7766, 49.7563,
34.4911

■ 9.5688, 6.7325,
27.9897

■ 50.2295, 58.0607,
35.7540

■ 8.0583, 4.9708,
27.7292

■ 57.2739, 67.1548,
37.1380

■ 6.9162, 3.6859,
27.5414

■ 64.9246, 77.0587,
38.6464

■ 6.1096, 2.8298,
27.4187

■ 73.1957, 87.7920,
40.2822

■ 5.5776, 2.3018,
27.3448

■ 79.0268, 93.2255,
41.0237

Harmonies

Analogous

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



22.7226, 24.0013, 31.1478



23.5675, 24.0013, 30.5847



24.2242, 24.0013, 28.8049

Triad

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



23.5675, 24.0013, 30.5847



23.7272, 24.0013, 22.3679



21.2024, 24.0013, 25.8764

Complementary

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



23.5675, 24.0013, 30.5847



26.0151, 28.1812, 26.2599

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.



21.4568, 24.0013, 23.6323



23.5675, 24.0013, 30.5847



22.9027, 24.0013, 21.6881

Square

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



23.5675, 24.0013, 30.5847



24.3180, 24.0013, 24.0524



22.0738, 24.0013, 22.1363



21.3705, 24.0013, 28.3310

Rectangle

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



23.5675, 24.0013, 30.5847



24.4595, 24.0013, 27.2224



22.0738, 24.0013, 22.1363



21.2412, 24.0013, 25.0738

Sweetspot

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



23.5682, 24.0023, 30.5852



45.8397, 47.7233, 54.7691



24.8428, 27.0242, 31.1013



10.0709, 10.4564, 12.1597



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.5682, 24.0023, 30.5852



39.9685, 40.3182, 53.6492



24.6379, 24.5537, 30.6353



5.5776, 5.6732, 7.2708



4.8785, 1.9875, 24.0575



0.0755, 0.0325, 0.2952

Inverse Universe

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



25.2765, 24.9008, 29.8610



43.7149, 42.2891, 52.0402



24.9202, 27.6168, 26.2087



5.9974, 5.8940, 7.0925



13.6153, 6.6512, 17.2532



0.1750, 0.0847, 0.2550

Previews

White Background



This preview shows how the XYZ color 23.5675, 24.0013, 30.5847 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 23.5675, 24.0013, 30.5847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

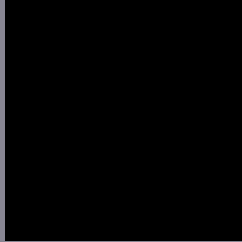
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.5675, 24.0013, 30.5847

Background



This preview shows how black text looks on a background with the XYZ color 23.5675, 24.0013, 30.5847.



This preview shows how white text looks on a background with the XYZ color 23.5675, 24.0013,

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

23.5675, 24.0013, 30.5847

Protanopia

23.3863, 24.1121, 30.6156

Deuteranopia

24.4599, 24.0587, 30.5487



Tritanopia

23.4132, 23.9396, 29.7723

Trichromacy



Original Color

23.5675, 24.0013, 30.5847

Protanomaly

23.5449, 24.1938, 30.6231

Deuteranomaly

24.0870, 24.0668, 30.5700

Tritanomaly

23.4900, 23.9703, 30.1767

Monochromacy



Original Color

23.5675, 24.0013, 30.5847

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.1770, 24.0652, 27.8496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5675, 24.0013, 30.5847 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, 133, 146)` looks like.

```
.text, #text, p{  
    color:rgb(135, 133, 146)  
}
```

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, 133, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 133, 146) }
```

Border

The CSS property to change the border of an element to XYZ 23.5675, 24.0013, 30.5847 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, 133, 146) }
```


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

```
.border{ border-color:rgb(135, 133, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 133, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 133, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 133, 146);  
box-shadow:4px 4px 4px 4px rgb(135, 133,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5675, 24.0013, 30.5847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 133, 146) }
```

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

```
.background{ background-color: rgb(135,  
133, 146) }
```

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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