

Converting Colors

XYZ(24.3346, 23.5961, 30.6307)

Have a look what the booklet for
XYZ(24.3346, 23.5961, 30.6307)
contains.

XYZ(24.3663, 23.6155, 30.4681)	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(24.3663, 23.6155,
30.4681)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8192
RGB	143, 129, 146
RGB Percent	56%, 51%, 57%
CMY	0.4392, 0.4941, 0.4274
CMYK	0.02, 0.12, 0.00, 0.43
HSL	289°, 7%, 54%
HSV	289°, 12%, 57%
XYZ	24.3663, 23.6155, 30.4681
YIQ	135.1240, 2.8870, 8.2550

Conversions

Conversions Part 2

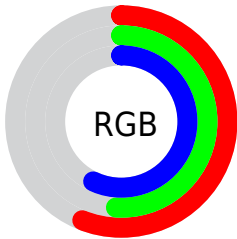
Format	Color
R_{YB}	143, 129, 146
Decimal	9404818
CIE _{Lab}	55.70, 8.57, -7.19
CIE _{LCh}	56, 11.192, 320.005
Yxy	23.6155, 0.3106, 0.3010
Android (android.graphics.Color)	4287594898 (0xFF8F8192)
YUV	135.1240, 5.3619, 6.9073
Hunter-Lab	48.5958, 4.4587, -3.1560

Details

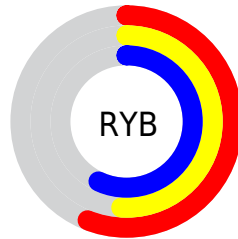
The XYZ color **24.3663, 23.6155, 30.4681** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7578, 27.0488, 24.7388**, and the grayscale version is **23.0557, 24.2564, 26.4152**.

A 20% lighter version of the original color is **50.1792, 49.4963, 61.5526**, and **9.4942, 8.9090, 12.2855** is the 20% darker color. If you saturate the color by 10%, you get **22.1382, 19.8136, 29.8520**, and if you desaturate by 10%, it is **26.8808, 27.9743, 31.1773**.

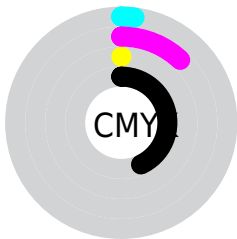
Distribution



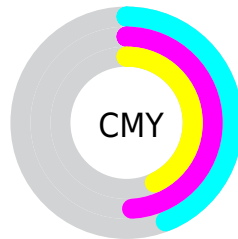
- Red (56%)
- Green (51%)
- Blue (57%)



- Red (56%)
- Yellow (51%)
- Blue (57%)



- Cyan (2%)
- Magenta (12%)
- Yellow (0%)
- Black (43%)



- Cyan (44%)
- Magenta (49%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3663, 23.6155, 30.4681 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 24.3663, 23.6155, 30.4681 by changing the saturation by 10% instead.

■ 24.3663, 23.6155,
30.4681

■ 24.3663, 23.6155,
30.4681

267.0734,
270.8708, 318.3553

■ 15.7318, 15.0486,
19.9391

■ 50.0776, 49.4020,
61.4714

■ 9.4242, 8.8535,
12.1671

■ 67.8851, 67.3905,
82.7828

■ 5.0782, 4.6458,
6.7337

■ 89.4810, 89.2882,
108.5254

■ 2.3284, 2.0410,
3.2202

115.2306,
115.4797, 139.1177

■ 0.8092, 0.6311,
1.2081

145.4993,
146.3493, 174.9783

■ 0.0000, 0.0000,
0.0000

180.6524,

182.2815, 216.5257

221.0553,
223.6605, 264.1786

■ 24.3663, 23.6155,
30.4681

■ 24.3663, 23.6155,
30.4681

■ 22.1382, 19.8136,
29.8520

■ 26.8808, 27.9743,
31.1773

■ 20.1829, 16.5424,
29.3237

■ 29.6906, 32.9089,
31.9816

■ 18.4884, 13.7779,
28.8794

■ 32.8069, 38.4408,
32.8852

■ 17.0413, 11.4933,
28.5147

■ 36.2394, 44.5898,
33.8911

■ 15.8269, 9.6593,
28.2247

■ 39.9975, 51.3745,
35.0026

■ 14.8288, 8.2431,
28.0040

■ 44.0904, 58.8129,
36.2227

■ 14.0283, 7.2077,
27.8463

■ 48.5266, 66.9222,
37.5541

■ 13.4037, 6.5093,
27.7444

■ 53.3146, 75.7191,
38.9997

■ 12.9670, 6.0854,
27.6856

■ 56.7139, 81.7228,
39.9794

Harmonies

Analogous

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



23.2904, 23.6155, 32.8497



24.3663, 23.6155, 30.4681



24.9340, 23.6155, 26.9445

Triad

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



24.3663, 23.6155, 30.4681



22.8717, 23.6155, 19.4305



20.2315, 23.6155, 28.1772

Complementary

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



24.3663, 23.6155, 30.4681



23.7578, 27.0488, 24.7388

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.



20.1289, 23.6155, 24.5201



24.3663, 23.6155, 30.4681



21.6219, 23.6155, 19.6933

Square

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



24.3663, 23.6155, 30.4681



24.0499, 23.6155, 20.7255



20.6290, 23.6155, 21.4808



20.9147, 23.6155, 31.4432

Rectangle

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



24.3663, 23.6155, 30.4681



24.9339, 23.6155, 24.5189



20.6290, 23.6155, 21.4808



20.1290, 23.6155, 26.9458

Sweetspot

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



24.3670, 23.6165, 30.4686



46.7598, 48.1976, 54.8121



22.5096, 23.2777, 30.5011



10.3248, 10.5873, 12.1716



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.



24.3670, 23.6165, 30.4686



41.8991, 39.7963, 53.4467



24.4843, 23.7242, 28.3394



5.9360, 5.8580, 7.2876



11.4275, 5.3636, 24.3640



0.1610, 0.0766, 0.2992

Inverse Universe

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



23.8700, 23.4785, 25.1045



40.8518, 39.5086, 42.0048



23.6628, 26.9574, 26.6518



5.8401, 5.8311, 6.2642



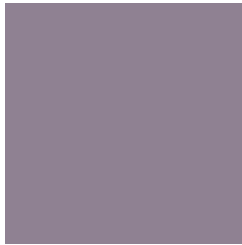
10.5997, 5.4449, 1.3729



0.1375, 0.0698, 0.0579

Previews

White Background



This preview shows how the XYZ color 24.3663, 23.6155, 30.4681 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 24.3663, 23.6155, 30.4681 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 24.3663, 23.6155, 30.4681

Background



This preview shows how black text looks on a background with the XYZ color 24.3663, 23.6155, 30.4681.



This preview shows how white text looks on a background with the XYZ color 24.3663, 23.6155,

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

24.3663, 23.6155, 30.4681

Protanopia

23.2485, 23.8187, 31.3891

Deuteranopia

24.1554, 23.7033, 30.4962



Tritanopia

23.8716, 23.6095, 28.1099

Trichromacy



Original Color

24.3663, 23.6155, 30.4681

Protanomaly

23.6711, 23.8434, 30.9584

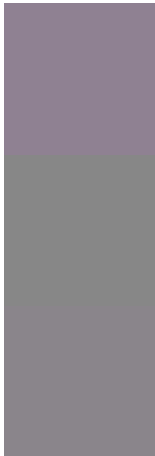
Deuteranomaly

24.3263, 23.7914, 30.5042

Tritanomaly

24.0204, 23.6690, 28.8938

Monochromacy



Original Color

24.3663, 23.6155, 30.4681

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.5290, 24.0424, 27.8266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3663, 23.6155, 30.4681 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(143, 129, 146)` looks like.

```
.text, #text, p{  
    color:rgb(143, 129, 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(143, 129, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 129, 146) }
```

Border

The CSS property to change the border of an element to XYZ 24.3663, 23.6155, 30.4681 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(143, 129, 146) }
```


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

```
.border{ border-color:rgb(143, 129, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 129, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 129, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 129, 146);  
box-shadow:4px 4px 4px 4px rgb(143, 129,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3663, 23.6155, 30.4681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 129, 146) }
```

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

```
.background{ background-color: rgb(143,  
129, 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](#).

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