

Converting Colors

XYZ(23.7675, 26.5889, 30.4855)

Have a look what the booklet for
XYZ(23.7675, 26.5889, 30.4855)
contains.

XYZ(23.8404, 26.7308, 30.6911)	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(23.8404, 26.7308,
30.6911)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9191
RGB	126, 145, 145
RGB Percent	49%, 57%, 57%
CMY	0.5059, 0.4314, 0.4314
CMYK	0.13, 0.00, 0.00, 0.43
HSL	180°, 8%, 53%
HSV	180°, 13%, 57%
XYZ	23.8404, 26.7308, 30.6911
YIQ	139.3190, -11.3240, -4.0280

Conversions

Conversions Part 2

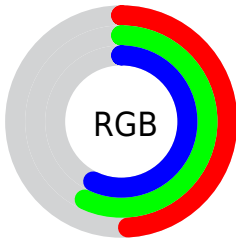
Format	Color
R_{YB}	126, 136, 145
Decimal	8294801
CIE _{Lab}	58.72, -6.76, -2.30
CIE _{LCh}	59, 7.140, 198.779
Yxy	26.7308, 0.2934, 0.3289
Android (android.graphics.Color)	4286484881 (0xFF7E9191)
YUV	139.3190, 2.8007, -11.6808
Hunter-Lab	51.7018, -8.1695, 0.9957

Details

The XYZ color **23.8404, 26.7308, 30.6911** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.9048, 22.4485, 22.8656**, and the grayscale version is **24.6568, 25.9409, 28.2497**.

A 20% lighter version of the original color is **49.3226, 54.5541, 61.9632**, and **9.2183, 10.5884, 12.3844** is the 20% darker color. If you saturate the color by 10%, you get **21.8554, 25.7082, 30.5980**, and if you desaturate by 10%, it is **26.1369, 27.9154, 30.7999**.

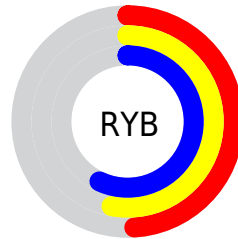
Distribution



Red (49%)

Green (57%)

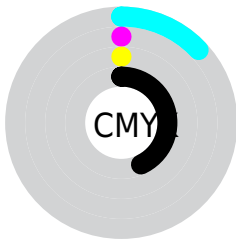
Blue (57%)



Red (49%)

Yellow (53%)

Blue (57%)

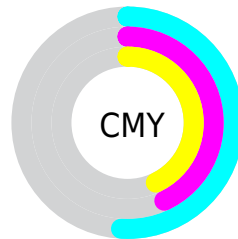


Cyan (13%)

Magenta (0%)

Yellow (0%)

Black (43%)



Cyan (51%)

Magenta (43%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8404, 26.7308, 30.6911 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 23.8404, 26.7308, 30.6911 by changing the saturation by 10% instead.

■ 23.8404, 26.7308,
30.6911

■ 23.8404, 26.7308,
30.6911

264.4681,
286.3513, 319.4197

■ 15.3394, 17.3711,
20.1073

■ 49.2262, 54.4516,
61.8273

■ 9.1458, 10.4995,
12.2882

■ 66.8417, 73.5815,
83.2167

■ 4.8943, 5.7314,
6.8153

■ 88.2260, 96.7370,
109.0450

■ 2.2195, 2.6824,
3.2702

113.7446,
124.3024, 139.7309

■ 0.7530, 0.9683,
1.2342

143.7627,
156.6621, 175.6927

■ 0.0000, 0.0000,
0.0069

178.6458,

■ 0.0000, 0.0000,

194.2006, 217.3491

0.0000

218.7591,
237.3022, 265.1186

■ 23.8404, 26.7308,
30.6911

■ 23.8404, 26.7308,
30.6911

■ 21.8554, 25.7082,
30.5980

■ 26.1369, 27.9154,
30.7999

■ 20.1664, 24.8375,
30.5182

■ 28.7550, 29.2651,
30.9231

■ 18.7597, 24.1124,
30.4517

■ 31.7074, 30.7870,
31.0621

■ 17.6201, 23.5249,
30.3976

■ 35.0051, 32.4871,
31.2171

■ 16.7307, 23.0664,
30.3552

■ 38.6590, 34.3707,
31.3889

■ 16.0726, 22.7272,
30.3237

■ 42.6791, 36.4432,
31.5778

■ 15.6245, 22.4962,
30.3020

■ 47.0754, 38.7095,
31.7842

■ 15.3609, 22.3603,
30.2889

■ 51.8572, 41.1746,
32.0088

■ 15.2356, 22.2957,
30.2825

■ 56.4781, 43.5567,
32.2258

Harmonies

Analogous

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



23.7852, 26.7308, 28.1737



23.8404, 26.7308, 30.6911



24.3095, 26.7308, 32.8991

Triad

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



23.8404, 26.7308, 30.6911



26.6991, 26.7308, 32.4120



25.7370, 26.7308, 24.6120

Complementary

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



23.8404, 26.7308, 30.6911



22.9048, 22.4485, 22.8656

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.



26.5366, 26.7308, 25.6150



23.8404, 26.7308, 30.6911



27.1005, 26.7308, 30.0572

Square

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



23.8404, 26.7308, 30.6911



25.9547, 26.7308, 33.9315



27.0404, 26.7308, 27.5751



24.8667, 26.7308, 24.7599

Rectangle

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



23.8404, 26.7308, 30.6911



24.8001, 26.7308, 33.8534



27.0404, 26.7308, 27.5751



26.0234, 26.7308, 24.8233

Sweetspot

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



23.8412, 26.7319, 30.6917



46.3775, 49.7695, 55.1351



22.5430, 26.2180, 23.6114



10.2508, 11.0375, 12.2622



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.



23.8412, 26.7319, 30.6917



41.4862, 47.2479, 54.9046



22.4941, 24.0375, 30.2436



5.5602, 6.1163, 6.9161



13.0675, 19.1228, 25.9731



0.1249, 0.1828, 0.2484

Inverse Universe

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



22.9048, 22.4485, 22.8656



39.4413, 37.8942, 37.8147



24.1335, 24.9062, 23.2744



5.4089, 5.4241, 5.6514



10.0159, 5.1634, 0.4692



0.0958, 0.0494, 0.0045

Previews

White Background



This preview shows how the XYZ color 23.8404, 26.7308, 30.6911 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 23.8404, 26.7308, 30.6911 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

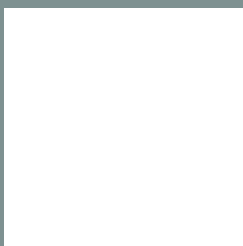
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.8404, 26.7308, 30.6911

Background



This preview shows how black text looks on a background with the XYZ color 23.8404, 26.7308, 30.6911.



This preview shows how white text looks on a background with the XYZ color 23.8404, 26.7308,

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

23.8404, 26.7308, 30.6911

Protanopia

25.5883, 26.5488, 29.3670

Deuteranopia

27.1610, 26.6733, 31.3207



Tritanopia

24.6409, 26.6007, 34.8461

Trichromacy



Original Color

23.8404, 26.7308, 30.6911

Protanomaly

24.9475, 26.6475, 29.8152

Deuteranomaly

25.8941, 26.6711, 30.9774

Tritanomaly

24.3116, 26.6929, 33.1490

Monochromacy



Original Color

23.8404, 26.7308, 30.6911

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.1641, 26.0412, 28.9522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8404, 26.7308, 30.6911 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(126, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(126, 145, 145)  
}
```

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(126, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 145, 145) }
```

Border

The CSS property to change the border of an element to XYZ 23.8404, 26.7308, 30.6911 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(126, 145, 145) }
```


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

```
.border{ border-color:rgb(126, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(126, 145,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8404, 26.7308, 30.6911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 145, 145) }
```

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

```
.background{ background-color: rgb(126,  
145, 145) }
```

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