

Converting Colors

XYZ(23.6267, 25.3041, 30.0245)

Have a look what the booklet for
XYZ(23.6267, 25.3041, 30.0245)
contains.

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Color

**XYZ(23.6267, 25.3041,
30.0245)**

Conversions

Conversions Part 1

Format	Color
Hex	838B90
RGB	131, 139, 144
RGB Percent	51%, 55%, 56%
CMY	0.4863, 0.4549, 0.4353
CMYK	0.09, 0.03, 0.00, 0.44
HSL	203°, 6%, 54%
HSV	203°, 9%, 56%
XYZ	23.6267, 25.3041, 30.0245
YIQ	137.1780, -6.3730, -0.1410

Conversions

Conversions Part 2

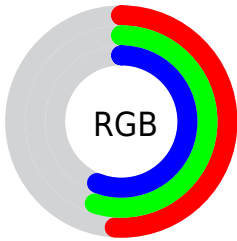
Format	Color
R_{YB}	131, 136, 144
Decimal	8620944
CIE _{Lab}	57.37, -1.87, -3.68
CIE _{LCh}	57, 4.125, 243.041
Yxy	25.3041, 0.2992, 0.3205
Android (android.graphics.Color)	4286811024 (0xFF838B90)
YUV	137.1780, 3.3632, -5.4181
Hunter-Lab	50.3032, -4.1916, -0.1762

Details

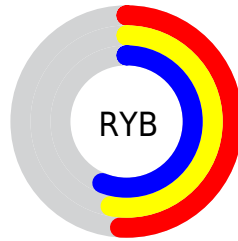
The XYZ color **23.6267, 25.3041, 30.0245** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.4026, 25.1762, 25.0465**, and the grayscale version is **23.8351, 25.0764, 27.3082**.

A 20% lighter version of the original color is **48.8098, 51.9668, 60.8841**, and **9.0724, 9.7467, 11.9928** is the 20% darker color. If you saturate the color by 10%, you get **20.7683, 22.6712, 29.6673**, and if you desaturate by 10%, it is **26.8372, 28.1802, 30.4108**.

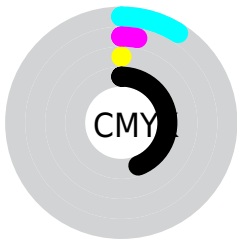
Distribution



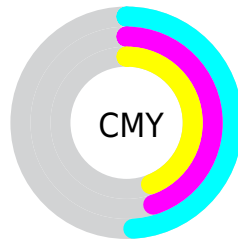
- Red (51%)
- Green (55%)
- Blue (56%)



- Red (51%)
- Yellow (53%)
- Blue (56%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6267, 25.3041, 30.0245 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 23.6267, 25.3041, 30.0245 by changing the saturation by 10% instead.

■ 23.6267, 25.3041,
30.0245

■ 23.6267, 25.3041,
30.0245

263.4034,
279.3490, 316.2295

■ 15.1802, 16.3038,
19.6050

■ 48.8795, 52.1501,
60.7624

■ 9.0331, 9.7394,
11.9270

■ 66.4164, 70.7646,
81.9178

■ 4.8200, 5.2265,
6.5721

■ 87.7142, 93.3526,
107.4890

■ 2.1757, 2.3808,
3.1216

113.1382,
120.2985, 137.8944

■ 0.7299, 0.8160,
1.1570

143.0538,
151.9867, 173.5526

■ 0.0000, 0.0000,
0.0000

177.8262,

188.8016, 214.8822

217.8210,
231.1276, 262.3016

■ 23.6267, 25.3041,
30.0245

■ 23.6267, 25.3041,
30.0245

■ 20.7683, 22.6712,
29.6673

■ 26.8372, 28.1802,
30.4108

■ 18.2465, 20.2704,
29.3369

■ 30.4101, 31.3036,
30.8254

■ 16.0478, 18.0947,
29.0328

■ 34.3580, 34.6823,
31.2695

■ 14.1570, 16.1353,
28.7543

■ 38.6924, 38.3231,
31.7438

■ 12.5574, 14.3827,
28.5003

■ 43.4241, 42.2323,
32.2489

■ 11.2308, 12.8264,
28.2698

■ 48.5635, 46.4161,
32.7856

■ 10.1565, 11.4549,
28.0617

■ 54.1206, 50.8804,
33.3544

■ 9.3108, 10.2549,
27.8746

■ 60.1051, 55.6311,
33.9560

■ 8.6388, 9.1969,
27.7058

■ 64.4350, 59.5955,
34.4930

Harmonies

Analogous

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



23.2705, 25.3041, 29.0476



23.6267, 25.3041, 30.0245



24.1008, 25.3041, 30.3316

Triad

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



23.6267, 25.3041, 30.0245



25.0028, 25.3041, 27.4091



23.5413, 25.3041, 25.3539

Complementary

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



23.6267, 25.3041, 30.0245



24.4026, 25.1762, 25.0465

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.



24.0009, 25.3041, 24.9473



23.6267, 25.3041, 30.0245



24.8483, 25.3041, 26.1084

Square

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



23.6267, 25.3041, 30.0245



24.8993, 25.3041, 28.7918



24.4799, 25.3041, 25.2188



23.2217, 25.3041, 26.3481

Rectangle

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



23.6267, 25.3041, 30.0245



24.4210, 25.3041, 30.1070



24.4799, 25.3041, 25.2188



23.6844, 25.3041, 25.1455

Sweetspot

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



23.6274, 25.3052, 30.0251



44.9743, 47.6051, 53.3563



23.7765, 26.5493, 27.1581



10.2143, 10.8281, 12.2239



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.



23.6274, 25.3052, 30.0251



40.5121, 43.5747, 52.8136



22.7160, 23.4823, 29.7213



5.3885, 5.7727, 6.8590



7.4916, 7.9692, 24.1204



0.0930, 0.1190, 0.2377

Inverse Universe

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



24.2787, 24.0265, 27.7852



41.9269, 40.8373, 47.9384



25.3438, 27.0586, 25.3602



5.5396, 5.4764, 6.3393



11.5845, 5.7908, 8.7294



0.1216, 0.0597, 0.1403

Previews

White Background



This preview shows how the XYZ color 23.6267, 25.3041, 30.0245 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 23.6267, 25.3041, 30.0245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

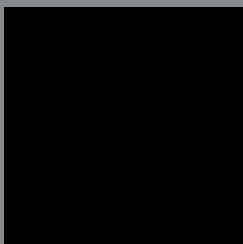
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

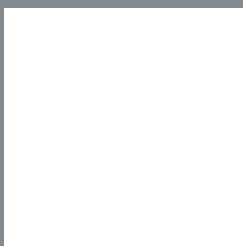
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.6267, 25.3041, 30.0245

Background



This preview shows how black text looks on a background with the XYZ color 23.6267, 25.3041, 30.0245.



This preview shows how white text looks on a background with the XYZ color 23.6267, 25.3041,

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

23.6267, 25.3041, 30.0245

Protanopia

24.5510, 25.3635, 29.5883

Deuteranopia

25.8487, 25.3904, 30.3265



Tritanopia

24.0290, 25.2524, 32.0415

Trichromacy



Original Color

23.6267, 25.3041, 30.0245

Protanomaly

24.1997, 25.3944, 29.6127

Deuteranomaly

25.0703, 25.4034, 30.3701

Tritanomaly

23.8707, 25.1891, 31.2076

Monochromacy



Original Color

23.6267, 25.3041, 30.0245

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.8138, 25.2213, 28.4240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6267, 25.3041, 30.0245 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(131, 139, 144)` looks like.

```
.text, #text, p{  
    color:rgb(131, 139, 144)  
}
```

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(131, 139, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 139, 144) }
```

Border

The CSS property to change the border of an element to XYZ 23.6267, 25.3041, 30.0245 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(131, 139, 144) }
```


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

```
.border{ border-color:rgb(131, 139, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 139, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 139, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 139, 144);  
box-shadow:4px 4px 4px 4px rgb(131, 139,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6267, 25.3041, 30.0245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 139, 144) }
```

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

```
.background{ background-color: rgb(131,  
139, 144) }
```

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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