

Converting Colors

XYZ(23.1734, 25.7390, 29.6540)

Have a look what the booklet for
XYZ(23.1734, 25.7390, 29.6540)
contains.

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Color

**XYZ(23.2351, 25.7648,
29.7351)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8E8F
RGB	126, 142, 143
RGB Percent	49%, 56%, 56%
CMY	0.5059, 0.4431, 0.4392
CMYK	0.12, 0.01, 0.00, 0.44
HSL	184°, 7%, 53%
HSV	184°, 12%, 56%
XYZ	23.2351, 25.7648, 29.7351
YIQ	137.3300, -9.8570, -3.0810

Conversions

Conversions Part 2

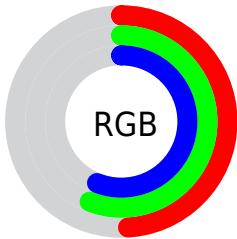
Format	Color
R_{YB}	126, 134, 143
Decimal	8294031
CIE _{Lab}	57.81, -5.52, -2.49
CIE _{LCh}	58, 6.061, 204.295
Yxy	25.7648, 0.2951, 0.3272
Android (android.graphics.Color)	4286484111 (0xFF7E8E8F)
YUV	137.3300, 2.7953, -9.9364
Hunter-Lab	50.7590, -7.1194, 0.7987

Details

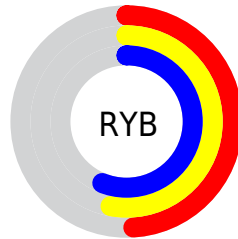
The XYZ color **23.2351, 25.7648, 29.7351** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.6831, 22.5246, 22.8912**, and the grayscale version is **23.8957, 25.1402, 27.3777**.

A 20% lighter version of the original color is **48.4084, 53.0948, 60.5202**, and **8.8635, 10.0224, 11.8233** is the 20% darker color. If you saturate the color by 10%, you get **21.1512, 24.5065, 29.6025**, and if you desaturate by 10%, it is **25.6229, 27.1826, 29.8833**.

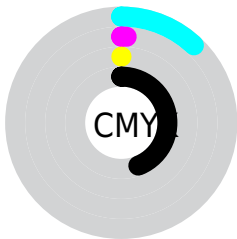
Distribution



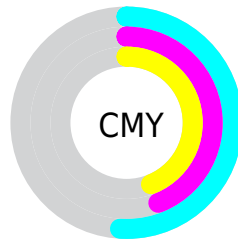
- Red (49%)
- Green (56%)
- Blue (56%)



- Red (49%)
- Yellow (53%)
- Blue (56%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (44%)



- Cyan (51%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2351, 25.7648, 29.7351 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 23.2351, 25.7648, 29.7351 by changing the saturation by 10% instead.

■ 23.2351, 25.7648,
29.7351

■ 23.2351, 25.7648,
29.7351

261.4431,
281.6256, 314.8365

■ 14.8888, 16.6478,
19.3873

■ 48.2429, 52.8953,
60.2990

■ 8.8272, 9.9837,
11.7708

■ 65.6351, 71.6775,
81.3522

■ 4.6849, 5.3881,
6.4672

■ 86.7734, 94.4502,
106.8110

■ 2.0964, 2.4767,
3.0578

112.0231,
121.5979, 137.0938

■ 0.6873, 0.8650,
1.1242

141.7496,
153.5049, 172.6192

■ 0.0000, 0.0000,
0.0000

176.3182,

190.5555, 213.8058

216.0942,
233.1343, 261.0720

■ 23.2351, 25.7648,
29.7351

■ 23.2351, 25.7648,
29.7351

■ 21.1512, 24.5065,
29.6025

■ 25.6229, 27.1826,
29.8833

■ 19.3562, 23.3978,
29.4831

■ 28.3243, 28.7627,
30.0459

■ 17.8372, 22.4329,
29.3769

■ 31.3515, 30.5121,
30.2241

■ 16.5796, 21.6040,
29.2832

■ 34.7150, 32.4364,
30.4182

■ 15.5671, 20.9029,
29.2012

■ 38.4253, 34.5408,
30.6288

■ 14.7819, 20.3203,
29.1302

■ 42.4921, 36.8305,
30.8564

■ 14.2036, 19.8458,
29.0690

■ 46.9249, 39.3102,
31.1014

■ 13.8084, 19.4671,
29.0168

■ 51.7327, 41.9847,
31.3643

■ 13.5673, 19.2018,
28.9783

■ 56.9243, 44.8584,
31.6453

Harmonies

Analogous

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



23.1223, 25.7648, 27.6569



23.2351, 25.7648, 29.7351



23.6809, 25.7648, 31.4357

Triad

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



23.2351, 25.7648, 29.7351



25.6428, 25.7648, 30.4583



24.6281, 25.7648, 24.2512

Complementary

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



23.2351, 25.7648, 29.7351



22.6831, 22.5246, 22.8912

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.



25.3146, 25.7648, 24.9230



23.2351, 25.7648, 29.7351



25.9078, 25.7648, 28.4538

Square

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



23.2351, 25.7648, 29.7351



25.0690, 25.7648, 31.8675



25.7865, 25.7648, 26.4365



23.9174, 25.7648, 24.5566

Rectangle

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



23.2351, 25.7648, 29.7351



24.1118, 25.7648, 32.0916



25.7865, 25.7648, 26.4365



24.8695, 25.7648, 24.3692

Sweetspot

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



23.2358, 25.7659, 29.7357



44.8994, 48.0970, 53.4552



22.2480, 25.6094, 23.7983



10.2261, 10.9881, 12.2542



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.



23.2358, 25.7659, 29.7357



40.6635, 45.5736, 53.1914



22.0393, 23.3728, 29.3368



5.5335, 6.0629, 6.9074



12.0012, 16.9884, 25.6236



0.1201, 0.1731, 0.2468

Inverse Universe

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



23.6716, 22.7148, 28.7292



41.5893, 39.1172, 51.0475



23.8069, 24.7722, 23.2658



5.6128, 5.5056, 6.7249



13.8608, 6.7013, 20.7160



0.1352, 0.0651, 0.2122

Previews

White Background



This preview shows how the XYZ color 23.2351, 25.7648, 29.7351 looks on a white background.

Color Contrast Check

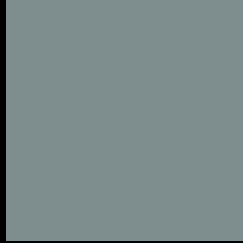
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2351, 25.7648, 29.7351 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 23.2351, 25.7648, 29.7351

Background



This preview shows how black text looks on a background with the XYZ color 23.2351, 25.7648, 29.7351.



This preview shows how white text looks on a background with the XYZ color 23.2351, 25.7648,

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

23.2351, 25.7648, 29.7351

Protanopia

24.7114, 25.6755, 28.8527

Deuteranopia

26.1692, 25.7618, 30.3813



Tritanopia

24.0945, 25.9059, 33.4362

Trichromacy



Original Color

23.2351, 25.7648, 29.7351

Protanomaly

24.1068, 25.5691, 29.2560

Deuteranomaly

25.1070, 25.8533, 30.0525

Tritanomaly

23.7021, 25.7317, 32.1513

Monochromacy



Original Color

23.2351, 25.7648, 29.7351

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.5657, 25.3159, 28.0705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2351, 25.7648, 29.7351 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, 142, 143) looks like.

```
.text, #text, p{  
    color:rgb(126, 142, 143)  
}
```

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, 142, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 142, 143) }
```

Border

The CSS property to change the border of an element to XYZ 23.2351, 25.7648, 29.7351 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, 142, 143) }
```


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

```
.border{ border-color:rgb(126, 142, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 142, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 142, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 142, 143);  
box-shadow:4px 4px 4px 4px rgb(126, 142,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2351, 25.7648, 29.7351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 142, 143) }
```

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

```
.background{ background-color: rgb(126,  
142, 143) }
```

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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