

Converting Colors

XYZ(23.1652, 27.0267, 32.8499)

Have a look what the booklet for
XYZ(23.1652, 27.0267, 32.8499)
contains.

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Color

**XYZ(23.1652, 27.0267,
32.8499)**

Conversions

Conversions Part 1

Format	Color
Hex	739496
RGB	115, 148, 150
RGB Percent	45%, 58%, 59%
CMY	0.5490, 0.4196, 0.4118
CMYK	0.23, 0.01, 0.00, 0.41
HSL	183°, 14%, 52%
HSV	183°, 23%, 59%
XYZ	23.1652, 27.0267, 32.8499
YIQ	138.3610, -20.3100, -6.3740

Conversions

Conversions Part 2

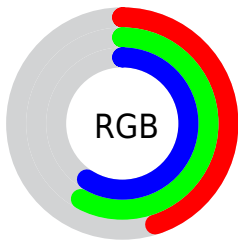
Format	Color
RYB	115, 132, 150
Decimal	7574678
CIELab	59.00, -10.95, -4.83
CIElCh	59, 11.968, 203.803
Yxy	27.0267, 0.2790, 0.3255
Android (android.graphics.Color)	4285764758 (0xFF739496)
YUV	138.3610, 5.7380, -20.4876
Hunter-Lab	51.9872, -11.4391, -1.0734

Details

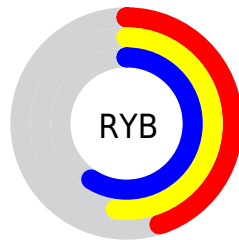
The XYZ color **23.1652, 27.0267, 32.8499** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.0338, 20.4445, 19.0051**, and the grayscale version is **24.2803, 25.5448, 27.8183**.

A 20% lighter version of the original color is **48.1681, 54.9255, 65.1897**, and **8.7736, 10.6085, 13.3896** is the 20% darker color. If you saturate the color by 10%, you get **21.2174, 25.8246, 32.7210**, and if you desaturate by 10%, it is **25.4366, 28.3985, 32.9954**.

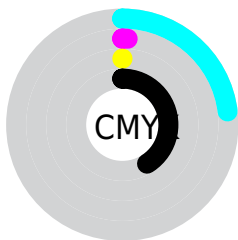
Distribution



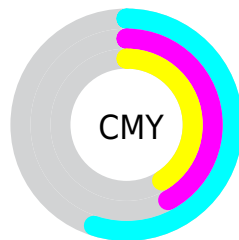
- Red (45%)
- Green (58%)
- Blue (59%)



- Red (45%)
- Yellow (52%)
- Blue (59%)



- Cyan (23%)
- Magenta (1%)
- Yellow (0%)
- Black (41%)



- Cyan (55%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1652, 27.0267, 32.8499 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 23.1652, 27.0267, 32.8499 by changing the saturation by 10% instead.

■ 23.1652, 27.0267,
32.8499

■ 23.1652, 27.0267,
32.8499

261.0919,
287.7864, 329.5841

■ 14.8369, 17.5933,
21.7413

■ 48.1291, 54.9267,
65.2544

■ 8.7906, 10.6584,
13.4704

■ 65.4954, 74.1621,
87.3874

■ 4.6608, 5.8376,
7.6188

■ 86.6051, 97.4336,
114.0323

■ 2.0824, 2.7466,
3.7677

111.8236,
125.1255, 145.6077

■ 0.6796, 1.0009,
1.4988

141.5161,
157.6224, 182.5320

■ 0.0000, 0.0000,
0.2170

176.0481,

■ 0.0000, 0.0000,

195.3086, 225.2238

0.0000

215.7849,
238.5684, 274.1016

■ 23.1652, 27.0267,
32.8499

■ 23.1652, 27.0267,
32.8499

■ 21.2174, 25.8246,
32.7210

■ 25.4366, 28.3985,
32.9954

■ 19.5753, 24.7809,
32.6061

■ 28.0436, 29.9440,
33.1563

■ 18.2229, 23.8880,
32.5050

■ 31.0006, 31.6716,
33.3339

■ 17.1418, 23.1364,
32.4169

■ 34.3205, 33.5876,
33.5288

■ 16.3114, 22.5155,
32.3408

■ 38.0154, 35.6985,
33.7415

■ 15.7083, 22.0133,
32.2757

■ 42.0970, 38.0101,
33.9725

■ 15.3047, 21.6153,
32.2201

■ 46.5763, 40.5284,
34.2225

■ 15.0947, 21.3813,
32.1860

■ 51.4640, 43.2586,
34.4919

■ 56.7703, 46.2062,
34.7812

Harmonies

Analogous

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



22.9549, 27.0267, 28.5543



23.1652, 27.0267, 32.8499



24.0398, 27.0267, 36.5259

Triad

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



23.1652, 27.0267, 32.8499



28.0599, 27.0267, 34.5213



25.9972, 27.0267, 22.0290

Complementary

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



23.1652, 27.0267, 32.8499



22.0338, 20.4445, 19.0051

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.



27.4100, 27.0267, 23.3140



23.1652, 27.0267, 32.8499



28.6300, 27.0267, 30.3183

Square

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



23.1652, 27.0267, 32.8499



26.8568, 27.0267, 37.5540



28.3878, 27.0267, 26.2514



24.5537, 27.0267, 22.5670

Rectangle

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



23.1652, 27.0267, 32.8499



24.9005, 27.0267, 37.9919



28.3878, 27.0267, 26.2514



26.4921, 27.0267, 22.2578

Sweetspot

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



23.1660, 27.0278, 32.8505



47.6677, 51.7687, 58.4013



21.1733, 26.7365, 20.7980



10.5118, 11.4418, 12.9393



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.1660, 27.0278, 32.8505



39.0183, 46.5532, 57.8504



20.6586, 22.0130, 32.0147



5.9361, 6.5061, 7.4127



12.5270, 17.7489, 26.6967



0.1603, 0.2311, 0.3291

Inverse Universe

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



24.0544, 20.8843, 30.7815



40.8785, 33.8122, 53.4905



24.2324, 24.8418, 19.7380



6.0212, 5.9035, 7.2176



14.4501, 6.9851, 21.6493



0.1804, 0.0869, 0.2834

Previews

White Background



This preview shows how the XYZ color 23.1652, 27.0267, 32.8499 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 23.1652, 27.0267, 32.8499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

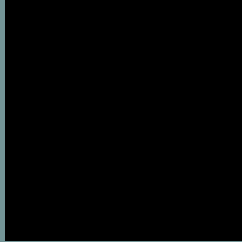
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.1652, 27.0267, 32.8499

Background



This preview shows how black text looks on a background with the XYZ color 23.1652, 27.0267, 32.8499.



This preview shows how white text looks on a background with the XYZ color 23.1652, 27.0267,

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

23.1652, 27.0267, 32.8499

Protanopia

26.0409, 26.9647, 31.0263

Deuteranopia

27.5185, 27.0233, 33.4714



Tritanopia

23.9414, 27.1180, 36.3202

Trichromacy



Original Color

23.1652, 27.0267, 32.8499

Protanomaly

24.9126, 27.0396, 31.5099

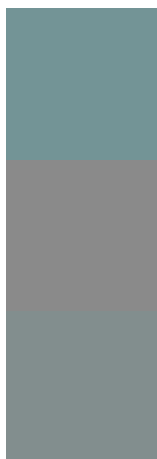
Deuteranomaly

25.7401, 26.9836, 33.1299

Tritanomaly

23.5526, 26.9470, 34.9703

Monochromacy



Original Color

23.1652, 27.0267, 32.8499

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.7614, 26.0448, 29.3660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1652, 27.0267, 32.8499 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(115, 148, 150)` looks like.

```
.text, #text, p{  
    color:rgb(115, 148, 150)  
}
```

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(115, 148, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 148, 150) }
```

Border

The CSS property to change the border of an element to XYZ 23.1652, 27.0267, 32.8499 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(115, 148, 150) }
```


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

```
.border{ border-color:rgb(115, 148, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 148, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 148, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 148, 150);  
box-shadow:4px 4px 4px 4px rgb(115, 148,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1652, 27.0267, 32.8499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 148, 150) }
```

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

```
.background{ background-color: rgb(115,  
148, 150) }
```

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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