

Converting Colors

XYZ(23.7368, 27.6309, 31.8376)

Have a look what the booklet for
XYZ(23.7368, 27.6309, 31.8376)
contains.

XYZ(23.6217, 27.5234, 31.6713)	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(23.6217, 27.5234,
31.6713)**

Conversions

Conversions Part 1

Format	Color
Hex	779593
RGB	119, 149, 147
RGB Percent	47%, 58%, 58%
CMY	0.5333, 0.4157, 0.4235
CMYK	0.20, 0.00, 0.01, 0.42
HSL	176°, 12%, 53%
HSV	176°, 20%, 58%
XYZ	23.6217, 27.5234, 31.6713
YIQ	139.8020, -17.2380, -6.9820

Conversions

Conversions Part 2

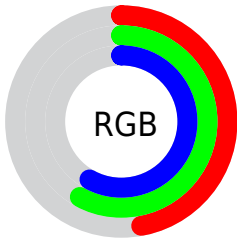
Format	Color
R_{YB}	119, 135, 149
Decimal	7837075
CIE _{Lab}	59.46, -10.88, -2.42
CIE _{LCh}	59, 11.146, 192.535
Yxy	27.5234, 0.2852, 0.3323
Android (android.graphics.Color)	4286027155 (0xFF779593)
YUV	139.8020, 3.5486, -18.2434
Hunter-Lab	52.4627, -11.4390, 0.9311

Details

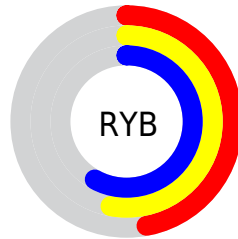
The XYZ color **23.6217, 27.5234, 31.6713** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.4435, 20.9646, 20.9541**, and the grayscale version is **24.8425, 26.1363, 28.4624**.

A 20% lighter version of the original color is **48.9118, 55.6996, 63.4315**, and **9.0511, 10.9005, 12.9362** is the 20% darker color. If you saturate the color by 10%, you get **21.6575, 26.5205, 31.1744**, and if you desaturate by 10%, it is **25.9088, 28.6941, 32.1880**.

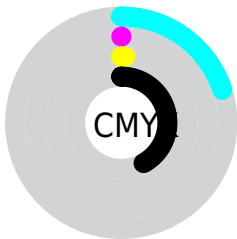
Distribution



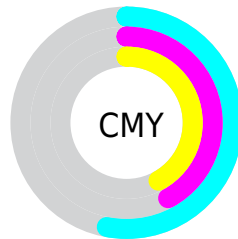
- Red (47%)
- Green (58%)
- Blue (58%)



- Red (47%)
- Yellow (53%)
- Blue (58%)



- Cyan (20%)
- Magenta (0%)
- Yellow (1%)
- Black (42%)



- Cyan (53%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6217, 27.5234, 31.6713 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 23.6217, 27.5234, 31.6713 by changing the saturation by 10% instead.

■ 23.6217, 27.5234,
31.6713

■ 23.6217, 27.5234,
31.6713

263.3784,
290.1825, 324.0656

■ 15.1764, 17.9667,
20.8478

■ 48.8713, 55.7226,
63.3873

■ 9.0304, 10.9261,
12.8227

■ 66.4064, 75.1339,
85.1170

■ 4.8183, 6.0172,
7.1772

■ 87.7022, 98.5989,
111.3191

■ 2.1747, 2.8555,
3.4931

113.1240,
126.5019, 142.4122

■ 0.7294, 1.0568,
1.3516

143.0372,
159.2274, 178.8149

■ 0.0000, 0.0000,
0.1035

177.8070,

■ 0.0000, 0.0000,

197.1597, 220.9457

0.0000

217.7990,
240.6833, 269.2231

■ 23.6217, 27.5234,
31.6713

■ 23.6217, 27.5234,
31.6713

■ 21.6575, 26.5205,
31.1744

■ 25.9088, 28.6941,
32.1880

■ 19.9989, 25.6744,
30.6947

■ 28.5304, 30.0364,
32.7233

■ 18.6306, 24.9778,
30.2321

■ 31.5002, 31.5583,
33.2785

■ 17.5351, 24.4218,
29.7858

■ 34.8309, 33.2660,
33.8540

■ 16.6930, 23.9963,
29.3548

■ 38.5341, 35.1657,
34.4506

■ 16.0821, 23.6900,
28.9381

■ 42.6211, 37.2632,
35.0687

■ 15.6767, 23.4895,
28.5345

■ 47.1026, 39.5640,
35.7088

■ 15.4125, 23.3617,
28.1461

■ 51.9891, 42.0734,
36.3715

■ 57.2906, 44.7967,
37.0572

Harmonies

Analogous

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



23.6777, 27.5234, 27.7156



23.6217, 27.5234, 31.6713



24.2281, 27.5234, 35.4828

Triad

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



23.6217, 27.5234, 31.6713



28.0208, 27.5234, 36.0096



26.9756, 27.5234, 23.2051

Complementary

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



23.6217, 27.5234, 31.6713



22.4435, 20.9646, 20.9541

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.



28.1924, 27.5234, 25.0570



23.6217, 27.5234, 31.6713



28.8104, 27.5234, 32.3398

Square

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



23.6217, 27.5234, 31.6713



26.7482, 27.5234, 38.1333



28.8743, 27.5234, 28.3275



25.5808, 27.5234, 23.0609

Rectangle

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



23.6217, 27.5234, 31.6713



24.9393, 27.5234, 37.3352



28.8743, 27.5234, 28.3275



27.4202, 27.5234, 23.6404

Sweetspot

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



23.6225, 27.5245, 31.6719



48.2077, 52.3120, 58.0226



22.0335, 26.9291, 21.4900



10.6253, 11.5632, 12.8465



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.



23.6225, 27.5245, 31.6719



40.7022, 48.4725, 56.3261



21.9082, 23.8423, 31.8824



5.9476, 6.5556, 7.3349



12.9755, 19.6630, 23.7105



0.1629, 0.2423, 0.3115

Inverse Universe

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



22.4435, 20.9646, 20.9541



38.2120, 34.6147, 33.6871



23.9088, 24.0897, 20.8431



5.8156, 5.8213, 6.1349



10.4820, 5.3979, 0.7533



0.1314, 0.0673, 0.0256

Previews

White Background



This preview shows how the XYZ color 23.6217, 27.5234, 31.6713 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 23.6217, 27.5234, 31.6713 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

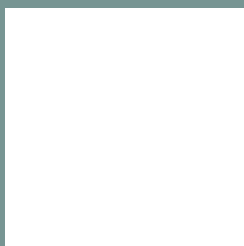
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.6217, 27.5234, 31.6713

Background



This preview shows how black text looks on a background with the XYZ color 23.6217, 27.5234, 31.6713.



This preview shows how white text looks on a background with the XYZ color 23.6217, 27.5234,

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

23.6217, 27.5234, 31.6713

Protanopia

26.3080, 27.3489, 29.8789

Deuteranopia

27.9839, 27.5052, 32.2679



Tritanopia

24.5769, 27.4356, 36.8011

Trichromacy



Original Color

23.6217, 27.5234, 31.6713

Protanomaly

25.3128, 27.4987, 30.3592

Deuteranomaly

26.1523, 27.4458, 31.9362

Tritanomaly

24.2520, 27.5394, 35.0478

Monochromacy



Original Color

23.6217, 27.5234, 31.6713

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.2961, 26.5336, 29.8276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6217, 27.5234, 31.6713 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(119, 149, 147)` looks like.

```
.text, #text, p{  
    color:rgb(119, 149, 147)  
}
```

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(119, 149, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 149, 147) }
```

Border

The CSS property to change the border of an element to XYZ 23.6217, 27.5234, 31.6713 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(119, 149, 147) }
```


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

```
.border{ border-color:rgb(119, 149, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 149, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 149, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 149, 147);  
box-shadow:4px 4px 4px 4px rgb(119, 149,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6217, 27.5234, 31.6713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 149, 147) }
```

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

```
.background{ background-color: rgb(119,  
149, 147) }
```

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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