

Converting Colors

XYZ(23.1236, 27.4915, 43.1166)

Have a look what the booklet for
XYZ(23.1236, 27.4915, 43.1166)
contains.

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Color

**XYZ(23.1291, 27.4915,
43.1171)**

Conversions

Conversions Part 1

Format	Color
Hex	5E97AC
RGB	94, 151, 172
RGB Percent	37%, 59%, 67%
CMY	0.6314, 0.4078, 0.3255
CMYK	0.45, 0.12, 0.00, 0.33
HSL	196°, 32%, 52%
HSV	196°, 45%, 67%
XYZ	23.1291, 27.4915, 43.1171
YIQ	136.3510, -40.7130, -5.5530

Conversions

Conversions Part 2

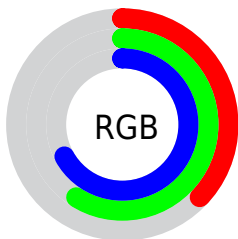
Format	Color
R _Y B	94, 127, 172
Decimal	6199212
CIE Lab	59.43, -12.95, -16.82
CIE LCh	59, 21.232, 232.400
Yxy	27.4915, 0.2467, 0.2933
Android (android.graphics.Color)	4284389292 (0xFF5E97AC)
YUV	136.3510, 17.5750, -37.1418
Hunter-Lab	52.4323, -13.0162, -12.0538

Details

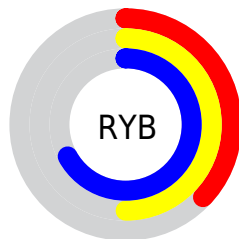
The XYZ color **23.1291, 27.4915, 43.1171** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.1649, 21.8408, 13.4798**, and the grayscale version is **23.4811, 24.7040, 26.9026**.

A 20% lighter version of the original color is **47.9092, 55.5046, 80.8614**, and **8.7840, 10.9017, 19.4106** is the 20% darker color. If you saturate the color by 10%, you get **20.8276, 25.2209, 42.8006**, and if you desaturate by 10%, it is **25.8547, 30.0254, 43.4630**.

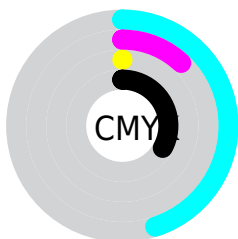
Distribution



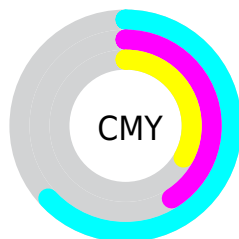
- Red (37%)
- Green (59%)
- Blue (67%)



- Red (37%)
- Yellow (50%)
- Blue (67%)



- Cyan (45%)
- Magenta (12%)
- Yellow (0%)
- Black (33%)



- Cyan (63%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1291, 27.4915, 43.1171 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 23.1291, 27.4915, 43.1171 by changing the saturation by 10% instead.

■ 23.1291, 27.4915,
43.1171

■ 23.1291, 27.4915,
43.1171

260.9104,
290.0291, 375.0285

■ 14.8101, 17.9427,
29.6449

■ 48.0703, 55.6716,
81.1758

■ 8.7717, 10.9089,
19.3195

■ 65.4232, 75.0716,
106.5994

■ 4.6485, 6.0056,
11.7222

■ 86.5182, 98.5242,
136.8439

■ 2.0751, 2.8485,
6.4346

■ 111.7204,
126.4137, 172.3278

■ 0.6756, 1.0531,
3.0381

141.3955,
159.1246, 213.4696

■ 0.0000, 0.0000,
1.1141

175.9085,

■ 0.0000, 0.0000,

197.0412, 260.6880

0.0000

215.6251,
240.5479, 314.4015

■ 23.1291, 27.4915,
43.1171

■ 23.1291, 27.4915,
43.1171

■ 20.8276, 25.2209,
42.8006

■ 25.8547, 30.0254,
43.4630

■ 18.9207, 23.1962,
42.5103

■ 29.0260, 32.8323,
43.8377

■ 17.3794, 21.4023,
42.2453

■ 32.6663, 35.9255,
44.2429

■ 16.1690, 19.8210,
42.0039

■ 36.7964, 39.3161,
44.6796

■ 15.2463, 18.4295,
41.7839

■ 41.4359, 43.0146,
45.1490

■ 14.8685, 17.8226,
41.6867

■ 46.6031, 47.0309,
45.6519

■ 52.3156, 51.3747,
46.1892

■ 58.5901, 56.0548,
46.7619

■ 65.4424, 61.0799,
47.3706

Harmonies

Analogous

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



21.6768, 27.4915, 35.8754



23.1291, 27.4915, 43.1171



25.4586, 27.4915, 46.9450

Triad

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



23.1291, 27.4915, 43.1171



31.5398, 27.4915, 31.9148



24.2272, 27.4915, 18.3215

Complementary

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



23.1291, 27.4915, 43.1171



25.1649, 21.8408, 13.4798

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.



26.8128, 27.4915, 17.6259



23.1291, 27.4915, 43.1171



31.1545, 27.4915, 24.6869

Square

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



23.1291, 27.4915, 43.1171



30.3994, 27.4915, 39.7999



29.3795, 27.4915, 19.7552



22.2801, 27.4915, 21.8495

Rectangle

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



23.1291, 27.4915, 43.1171



27.2446, 27.4915, 46.6578



29.3795, 27.4915, 19.7552



25.0459, 27.4915, 17.7761

Sweetspot

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



23.1300, 27.4926, 43.1177



60.0382, 65.8211, 80.3462



22.4523, 33.1186, 21.3693



12.7272, 14.0370, 17.4263



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



23.1300, 27.4926, 43.1177



37.9289, 45.9020, 77.6667



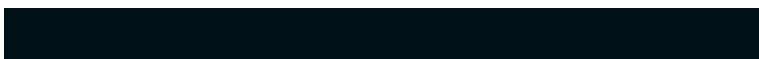
17.8795, 16.9916, 41.3676



8.0512, 8.7018, 10.2080



11.1115, 13.3568, 31.0370



0.3511, 0.4555, 0.8774

Inverse Universe

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



26.6026, 19.0112, 31.5467



45.2269, 29.4523, 53.0411



30.5569, 32.6247, 15.2771



8.2437, 8.1107, 9.5939



15.4722, 7.6514, 15.3980



0.4516, 0.2213, 0.5399

Previews

White Background



This preview shows how the XYZ color 23.1291, 27.4915, 43.1171 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 23.1291, 27.4915, 43.1171 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

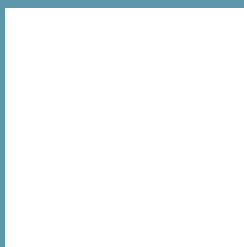
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1291, 27.4915, 43.1171

Background



This preview shows how black text looks on a background with the XYZ color 23.1291, 27.4915, 43.1171.



This preview shows how white text looks on a background with the XYZ color 23.1291, 27.4915,

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

23.1291, 27.4915, 43.1171

Protanopia

26.7976, 27.1696, 39.4292

Deuteranopia

27.6878, 27.0967, 43.8153



Tritanopia

22.4334, 27.4484, 39.7130

Trichromacy



Original Color

23.1291, 27.4915, 43.1171

Protanomaly

25.2193, 27.2155, 40.9697

Deuteranomaly

25.5337, 26.8730, 43.3764

Tritanomaly

22.8103, 27.6108, 41.1730

Monochromacy



Original Color

23.1291, 27.4915, 43.1171

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.8348, 25.2846, 32.1107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1291, 27.4915, 43.1171 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(94, 151, 172) looks like.

```
.text, #text, p{  
    color:rgb(94, 151, 172)  
}
```

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(94, 151, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 151, 172) }
```

Border

The CSS property to change the border of an element to XYZ 23.1291, 27.4915, 43.1171 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(94, 151, 172) }
```


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

```
.border{ border-color:rgb(94, 151, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 151, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 151, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 151, 172);  
box-shadow:4px 4px 4px 4px rgb(94, 151,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1291, 27.4915, 43.1171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 151, 172) }
```

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

```
.background{ background-color: rgb(94, 151,  
172) }
```

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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