

Converting Colors

XYZ(23.1911, 35.7924, 23.4556)

Have a look what the booklet for
XYZ(23.1911, 35.7924, 23.4556)
contains.

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Color

**XYZ(23.1911, 35.7924,
23.4556)**

Conversions

Conversions Part 1

Format	Color
Hex	52B478
RGB	82, 180, 120
RGB Percent	32%, 71%, 47%
CMY	0.6784, 0.2941, 0.5294
CMYK	0.54, 0.00, 0.33, 0.29
HSL	143°, 40%, 51%
HSV	143°, 54%, 71%
XYZ	23.1911, 35.7924, 23.4556
YIQ	143.8580, -39.1480, -39.4360

Conversions

Conversions Part 2

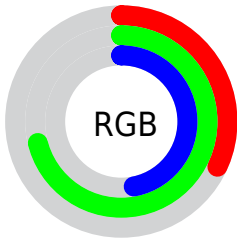
Format	Color
RYB	82, 153, 180
Decimal	5420152
CIELab	66.36, -42.57, 22.11
CIElCh	66, 47.965, 152.552
Yxy	35.7924, 0.2813, 0.4342
Android (android.graphics.Color)	4283610232 (0xFF52B478)
YUV	143.8580, -11.7620, -54.2495
Hunter-Lab	59.8267, -35.5035, 18.6336

Details

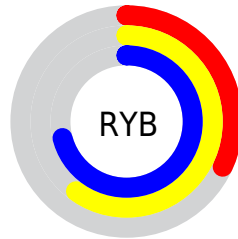
The XYZ color **23.1911, 35.7924, 23.4556** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **26.7233, 17.6917, 27.5989**, and the grayscale version is **26.5100, 27.8906, 30.3728**.

A 20% lighter version of the original color is **48.3082, 68.9888, 50.3052**, and **8.7642, 15.4622, 8.4838** is the 20% darker color. If you saturate the color by 10%, you get **21.1957, 34.8376, 20.0698**, and if you desaturate by 10%, it is **25.6760, 36.9926, 27.2677**.

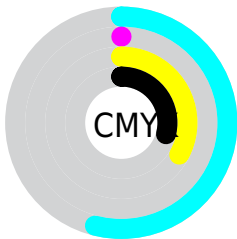
Distribution



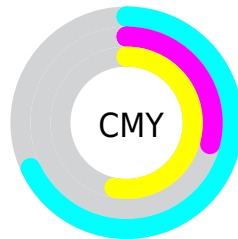
- Red (32%)
- Green (71%)
- Blue (47%)



- Red (32%)
- Yellow (60%)
- Blue (71%)



- Cyan (54%)
- Magenta (0%)
- Yellow (33%)
- Black (29%)





- Cyan (68%)
- Magenta (29%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.1911, 35.7924, 23.4556 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 23.1911, 35.7924, 23.4556 by changing the saturation by 10% instead.


 23.1911, 35.7924,
23.4556


 23.1911, 35.7924,
23.4556


261.2221,
328.0523, 283.2539


 14.8561, 24.2739,
14.7218


 48.1713, 68.7115,
50.0730


 8.8041, 15.5369,
8.4799


 65.5472, 90.8809,
68.7937

 4.6697, 9.1971,
4.3114


 86.6675, 117.3694,
91.6804

 2.0876, 4.8700,
1.7977

 111.8975,
148.5614, 119.1518

 0.6824, 2.1712,
0.4264

141.6027,
184.8413, 151.6262

 0.0000, 0.7042,
0.0000

176.1482,

 0.0000, 0.0000,

226.5935, 189.5224

0.0000

215.8996,
274.2023, 233.2588

■ 23.1911, 35.7924,
23.4556

■ 23.1911, 35.7924,
23.4556

■ 21.1957, 34.8376,
20.0698

■ 25.6760, 36.9926,
27.2677

■ 19.6514, 34.1058,
17.0928

■ 28.6792, 38.4499,
31.5182

■ 18.5187, 33.5778,
14.5090

■ 32.2308, 40.1803,
36.2215

■ 17.7488, 33.2290,
12.3011

■ 36.3575, 42.1976,
41.3908

■ 17.4210, 33.0834,
11.2282

■ 41.0842, 44.5142,
47.0385

■ 46.4345, 47.1420,
53.1767

■ 52.4304, 50.0923,
59.8170

■ 59.0932, 53.3756,
66.9707

■ 66.4429, 57.0022,
74.6486

Harmonies

Analogous

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



27.1263, 35.7924, 14.2622



23.1911, 35.7924, 23.4556



22.0197, 35.7924, 40.7570

Triad

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



23.1911, 35.7924, 23.4556



34.6373, 35.7924, 93.2350



47.0167, 35.7924, 21.3507

Complementary

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



23.1911, 35.7924, 23.4556



26.7233, 17.6917, 27.5989

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.



49.7384, 35.7924, 37.2396



23.1911, 35.7924, 23.4556



41.9917, 35.7924, 82.6365

Square

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



23.1911, 35.7924, 23.4556



28.0512, 35.7924, 85.5731



47.7826, 35.7924, 60.1565



40.7798, 35.7924, 13.3813

Rectangle

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



23.1911, 35.7924, 23.4556



22.8077, 35.7924, 56.1648



47.7826, 35.7924, 60.1565



48.4097, 35.7924, 25.7032

Sweetspot

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



23.1920, 35.7939, 23.4564



64.4722, 75.8011, 73.2684



29.0753, 39.0425, 13.9866



13.5982, 16.2187, 15.4188



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



23.1920, 35.7939, 23.4564



37.9086, 62.9168, 35.4383



26.9229, 37.2862, 43.1027



8.5208, 9.5428, 9.7364



12.1891, 23.1016, 7.9987



0.4126, 0.7385, 0.4047

Inverse Universe

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



26.7233, 17.6917, 27.5989



44.9390, 26.7591, 43.5976



23.8357, 16.5366, 12.3929



8.7076, 8.5898, 9.9587



15.1427, 7.5746, 11.1772



0.5040, 0.2493, 0.4967

Previews

White Background



This preview shows how the XYZ color 23.1911, 35.7924, 23.4556 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 23.1911, 35.7924, 23.4556 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 ✓ Pass

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

XYZ 23.1911, 35.7924, 23.4556

Background



This preview shows how black text looks on a background with the XYZ color 23.1911, 35.7924, 23.4556.



This preview shows how white text looks on a background with the XYZ color 23.1911, 35.7924,

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

23.1911, 35.7924, 23.4556

Protanopia

32.6736, 35.1735, 20.1060

Deuteranopia

35.8150, 35.1824, 24.6419



Tritanopia

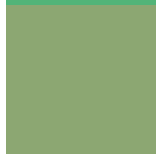
28.8710, 35.7595, 51.8350

Trichromacy



Original Color

23.1911, 35.7924, 23.4556



Protanomaly

27.6712, 34.4278, 21.1064



Deuteranomaly

29.1297, 34.0392, 24.1037



Tritanomaly

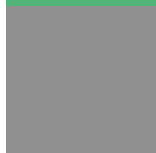
26.3658, 35.5957, 39.6635

Monochromacy



Original Color

23.1911, 35.7924, 23.4556



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

24.3153, 29.9282, 27.4168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1911, 35.7924, 23.4556 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(82, 180, 120)` looks like.

```
.text, #text, p{  
    color:rgb(82, 180, 120)  
}
```

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(82, 180, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 180, 120) }
```

Border

The CSS property to change the border of an element to XYZ 23.1911, 35.7924, 23.4556 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(82, 180, 120) }
```


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

```
.border{ border-color:rgb(82, 180, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 180, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 180, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 180, 120);  
box-shadow:4px 4px 4px 4px rgb(82, 180,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1911, 35.7924, 23.4556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 180, 120) }
```

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

```
.background{ background-color: rgb(82, 180,  
120) }
```

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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