

Converting Colors

XYZ(23.6570, 35.5397, 22.7188)

Have a look what the booklet for
XYZ(23.6570, 35.5397, 22.7188)
contains.

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Color

**XYZ(23.6040, 35.4241,
22.7330)**

Conversions

Conversions Part 1

Format	Color
Hex	5CB276
RGB	92, 178, 118
RGB Percent	36%, 70%, 46%
CMY	0.6392, 0.3019, 0.5372
CMYK	0.48, 0.00, 0.34, 0.30
HSL	138°, 36%, 53%
HSV	138°, 48%, 70%
XYZ	23.6040, 35.4241, 22.7330
YIQ	145.4460, -31.9960, -36.8920

Conversions

Conversions Part 2

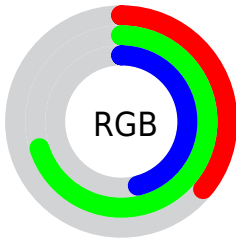
Format	Color
RYB	92, 158, 178
Decimal	6074998
CIELab	66.08, -39.50, 22.86
CIElCh	66, 45.641, 149.936
Yxy	35.4241, 0.2887, 0.4333
Android (android.graphics.Color)	4284265078 (0xFF5CB276)
YUV	145.4460, -13.5309, -46.8721
Hunter-Lab	59.5181, -33.3664, 19.0168

Details

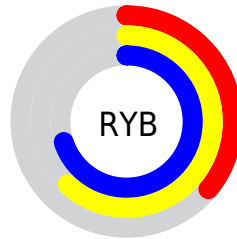
The XYZ color **23.6040, 35.4241, 22.7330** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **27.8558, 19.3869, 31.9807**, and the grayscale version is **27.1587, 28.5730, 31.1160**.

A 20% lighter version of the original color is **48.8061, 67.9890, 49.0789**, and **9.0675, 15.4370, 8.1320** is the 20% darker color. If you saturate the color by 10%, you get **21.3405, 34.3379, 19.0254**, and if you desaturate by 10%, it is **26.3843, 36.7674, 26.9736**.

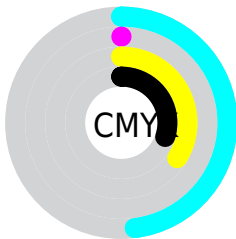
Distribution



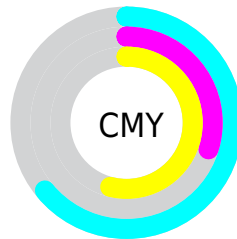
- Red (36%)
- Green (70%)
- Blue (46%)



- Red (36%)
- Yellow (62%)
- Blue (70%)



- Cyan (48%)
- Magenta (0%)
- Yellow (34%)
- Black (30%)





- Cyan (64%)
- Magenta (30%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.6040, 35.4241, 22.7330 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 23.6040, 35.4241, 22.7330 by changing the saturation by 10% instead.


 23.6040, 35.4241,
22.7330


 23.6040, 35.4241,
22.7330


263.2901,
326.4363, 279.4280


 15.1633, 23.9897,
14.1930


 48.8426, 68.1422,
48.8722


 9.0211, 15.3260,
8.1148

 66.3712, 90.1948,
67.3084

 4.8122, 9.0485,
4.0796


 87.6598, 116.5556,
89.8806

 2.1711, 4.7728,
1.6691

 113.0737,
147.6090, 117.0071

 0.7274, 2.1146,
0.3395

142.9783,
183.7394, 149.1066

 0.0000, 0.6728,
0.0000

177.7390,

 0.0000, 0.0000,

225.3311, 186.5975

0.0000

217.7212,
272.7686, 229.8985

■ 23.6040, 35.4241,
22.7330

■ 23.6040, 35.4241,
22.7330

■ 21.3405, 34.3379,
19.0254

■ 26.3843, 36.7674,
26.9736

■ 19.5575, 33.4877,
15.8271

■ 29.7091, 38.3788,
31.7649

■ 18.2184, 32.8560,
13.1162


■ 33.6072, 40.2737,
37.1265


■ 17.2795, 32.4208,
10.8683


■ 38.1046, 42.4652,
43.0765


■ 16.6702, 32.1461,
9.0558


■ 43.2257, 44.9654,
49.6322

 16.5826, 32.1068,
8.7906

 48.9936, 47.7860,
56.8101

 55.4300, 50.9377,
64.6260

 62.5557, 54.4311,
73.0954

 70.3907, 58.2760,
82.2329

Harmonies

Analogous

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



27.5763, 35.4241, 14.4270



23.6040, 35.4241, 22.7330



22.2474, 35.4241, 38.5293

Triad

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



23.6040, 35.4241, 22.7330



33.6550, 35.4241, 89.2209



46.2714, 35.4241, 22.7837

Complementary

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



23.6040, 35.4241, 22.7330



27.8558, 19.3869, 31.9807

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.



48.4539, 35.4241, 38.6124



23.6040, 35.4241, 22.7330



40.6001, 35.4241, 80.7924

Square

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



23.6040, 35.4241, 22.7330



27.5543, 35.4241, 80.7244



46.2535, 35.4241, 60.4501



40.6286, 35.4241, 14.4486

Rectangle

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



23.6040, 35.4241, 22.7330



22.8451, 35.4241, 52.7465



46.2535, 35.4241, 60.4501



47.4653, 35.4241, 27.1939

Sweetspot

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



23.6049, 35.4256, 22.7338



64.1299, 74.5832, 71.5876



30.8397, 39.3099, 16.0875



13.8321, 16.3408, 15.3593



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.



23.6049, 35.4256, 22.7338



38.4481, 62.1475, 34.0713



26.7505, 36.6838, 39.2979



8.4912, 9.5310, 9.5805



11.8894, 22.9817, 6.4206



0.4007, 0.7337, 0.3419

Inverse Universe

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



27.8558, 19.3869, 31.9807



47.0560, 29.5765, 52.7270



24.9593, 18.2283, 16.7278



8.7384, 8.6021, 10.1209



15.7773, 7.8285, 14.5189



0.5208, 0.2561, 0.5853

Previews

White Background



This preview shows how the XYZ color 23.6040, 35.4241, 22.7330 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 23.6040, 35.4241, 22.7330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

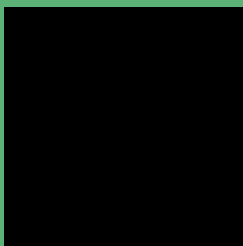
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

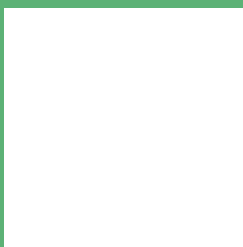
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.6040, 35.4241, 22.7330

Background



This preview shows how black text looks on a background with the XYZ color 23.6040, 35.4241, 22.7330.



This preview shows how white text looks on a background with the XYZ color 23.6040, 35.4241,

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

23.6040, 35.4241, 22.7330

Protanopia

32.6189, 35.1516, 19.8176

Deuteranopia

35.5228, 34.8025, 23.9141



Tritanopia

29.2108, 35.3983, 50.6404

Trichromacy



Original Color

23.6040, 35.4241, 22.7330



Protanomaly

28.3010, 34.7590, 20.8403



Deuteranomaly

29.3821, 33.9212, 23.4112



Tritanomaly

26.7682, 35.2500, 38.6508

Monochromacy



Original Color

23.6040, 35.4241, 22.7330



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

25.0343, 30.2988, 27.4505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6040, 35.4241, 22.7330 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(92, 178, 118)` looks like.

```
.text, #text, p{  
    color:rgb(92, 178, 118)  
}
```

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(92, 178, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 178, 118) }
```

Border

The CSS property to change the border of an element to XYZ 23.6040, 35.4241, 22.7330 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(92, 178, 118) }
```


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

```
.border{ border-color:rgb(92, 178, 118) }
```

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

Here you see how a box with a 4 pixel rgb(92, 178, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 178, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 178, 118);  
box-shadow:4px 4px 4px 4px rgb(92, 178,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6040, 35.4241, 22.7330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 178, 118) }
```

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

```
.background{ background-color: rgb(92, 178,  
118) }
```

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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