

Converting Colors

XYZ(17.8514, 23.1377, 5.3801)

Have a look what the booklet for
XYZ(17.8514, 23.1377, 5.3801)
contains.

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Color

**XYZ(17.7540, 23.0337,
5.3439)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8C26
RGB	122, 140, 38
RGB Percent	48%, 55%, 15%
CMY	0.5216, 0.4510, 0.8510
CMYK	0.13, 0.00, 0.73, 0.45
HSL	71°, 57%, 35%
HSV	71°, 73%, 55%
XYZ	17.7540, 23.0337, 5.3439
YIQ	122.9900, 22.0140, -35.5380

Conversions

Conversions Part 2

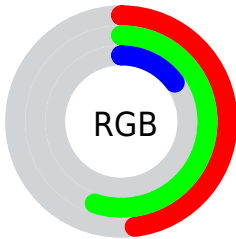
Format	Color
RYB	38, 140, 56
Decimal	8031270
CIELab	55.11, -20.68, 49.37
CIElCh	55, 53.528, 112.725
Yxy	23.0337, 0.3849, 0.4993
Android (android.graphics.Color)	4286221350 (0xFF7A8C26)
YUV	122.9900, -41.9001, -0.8682
Hunter-Lab	47.9934, -17.9568, 26.9937

Details

The XYZ color **17.7540, 23.0337, 5.3439** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.0584, 4.1209, 25.2357**, and the grayscale version is **18.9528, 19.9399, 21.7145**.

A 20% lighter version of the original color is **39.2687, 48.6689, 16.9972**, and **6.1820, 8.6144, 1.3369** is the 20% darker color. If you saturate the color by 10%, you get **17.2240, 22.7826, 4.3540**, and if you desaturate by 10%, it is **18.3789, 23.3255, 6.7828**.

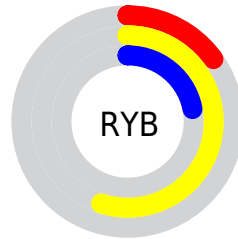
Distribution



Red (48%)

Green (55%)

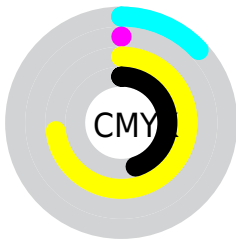
Blue (15%)



Red (15%)

Yellow (55%)

Blue (22%)

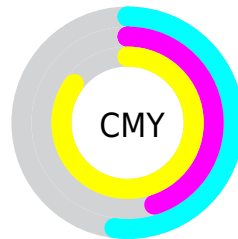


Cyan (13%)

Magenta (0%)

Yellow (73%)

Black (45%)



Cyan (52%)

Magenta (45%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7540, 23.0337, 5.3439 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 17.7540, 23.0337, 5.3439 by changing the saturation by 10% instead.

■ 17.7540, 23.0337,
5.3439

■ 17.7540, 23.0337,
5.3439

232.5533,
267.8980, 162.1612

■ 10.8721, 14.6184,
2.3882

■ 39.1511, 48.4487,
17.0066

■ 6.0476, 8.5520,
0.7800

■ 54.3970, 66.2171,
26.5507

■ 2.9150, 4.4501,
0.0000

■ 73.1616, 87.8720,
39.1280

■ 1.1090, 1.9284,
0.0000

■ 95.8104, 113.7979,
55.1570

■ 0.0326, 0.5654,
0.0000

■ 122.7086,
144.3790, 75.0562

■ 0.0000, 0.0000,
0.0000

■ 154.2215,

179.9998, 99.2444

190.7147,
221.0447, 128.1398

■ 17.7540, 23.0337,
5.3439

■ 17.7540, 23.0337,
5.3439

■ 17.2240, 22.7826,
4.3540

■ 18.3789, 23.3255,
6.7828

■ 16.7773, 22.5650,
3.7585

■ 19.1059, 23.6582,
8.7144

■ 16.4873, 22.4219,
3.4589

■ 19.9429, 24.0360,
11.1786

■ 20.8969, 24.4617,
14.2110

■ 21.9740, 24.9376,
17.8441

■ 23.1800, 25.4662,
22.1079

■ 24.5202, 26.0496,
27.0304

■ 25.9999, 26.6898,
32.6380

■ 27.6236, 27.3887,
38.9557

Harmonies

Analogous

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



23.3778, 23.0337, 4.5693



17.7540, 23.0337, 5.3439



13.9751, 23.0337, 9.9814

Triad

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



17.7540, 23.0337, 5.3439



15.6547, 23.0337, 61.3537



35.3559, 23.0337, 29.4742

Complementary

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



17.7540, 23.0337, 5.3439



7.0584, 4.1209, 25.2357

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.



32.3475, 23.0337, 50.7004



17.7540, 23.0337, 5.3439



20.4721, 23.0337, 73.8162

Square

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



17.7540, 23.0337, 5.3439



12.9256, 23.0337, 40.0308



26.6296, 23.0337, 69.2208



34.2687, 23.0337, 14.4096

Rectangle

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



17.7540, 23.0337, 5.3439



12.6649, 23.0337, 16.5346



26.6296, 23.0337, 69.2208



34.7740, 23.0337, 36.1547

Sweetspot

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



17.7545, 23.0347, 5.3444



38.8180, 43.9986, 31.7315



12.5321, 8.4484, 2.8042



8.8367, 10.0908, 6.9399



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.7545, 23.0347, 5.3444



29.8778, 39.9286, 6.9713



12.4012, 20.2750, 5.0939



5.3459, 5.8011, 5.3904



14.6636, 19.9293, 3.0739



0.1079, 0.1378, 0.0209

Inverse Universe

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



7.0584, 4.1209, 25.2357



10.0451, 4.6852, 44.1179



11.3714, 6.3444, 25.4376



4.8517, 4.9320, 6.3021



4.5687, 1.8694, 22.1657



0.0392, 0.0170, 0.1477

Previews

White Background



This preview shows how the XYZ color 17.7540, 23.0337, 5.3439 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 17.7540, 23.0337, 5.3439 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 17.7540, 23.0337, 5.3439

Background



This preview shows how black text looks on a background with the XYZ color 17.7540, 23.0337, 5.3439.



This preview shows how white text looks on a background with the XYZ color 17.7540, 23.0337,

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

17.7540, 23.0337, 5.3439

Protanopia

20.7824, 22.9258, 4.9988

Deuteranopia

23.3053, 22.8484, 5.5647



Tritanopia

22.4397, 23.0612, 28.4679

Trichromacy



Original Color

17.7540, 23.0337, 5.3439

Protanomaly

19.6454, 22.9505, 5.1447

Deuteranomaly

20.7950, 22.5220, 5.4417

Tritanomaly

19.9259, 22.6389, 16.4162

Monochromacy



Original Color

17.7540, 23.0337, 5.3439

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

17.9504, 20.6842, 13.1716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7540, 23.0337, 5.3439 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(122, 140, 38)` looks like.

```
.text, #text, p{  
    color:rgb(122, 140, 38)  
}
```

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(122, 140, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 140, 38) }
```

Border

The CSS property to change the border of an element to XYZ 17.7540, 23.0337, 5.3439 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(122, 140, 38) }
```


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

```
.border{ border-color:rgb(122, 140, 38) }
```

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

Here you see how a box with a 4 pixel rgb(122, 140, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 140, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 140, 38);  
box-shadow:4px 4px 4px 4px rgb(122, 140,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7540, 23.0337, 5.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 140, 38) }
```

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

```
.background{ background-color: rgb(122,  
140, 38) }
```

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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