

Converting Colors

XYZ(15.2127, 23.4804, 3.7304)

Have a look what the booklet for
XYZ(15.2127, 23.4804, 3.7304)
contains.

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Color

**XYZ(15.3092, 23.6127,
3.7508)**

Conversions

Conversions Part 1

Format	Color
Hex	5F9400
RGB	95, 148, 0
RGB Percent	37%, 58%, 0%
CMY	0.6275, 0.4196, 1.0000
CMYK	0.36, 0.00, 1.00, 0.42
HSL	81°, 100%, 29%
HSV	81°, 100%, 58%
XYZ	15.3092, 23.6127, 3.7508
YIQ	115.2810, 15.9200, -57.2640

Conversions

Conversions Part 2

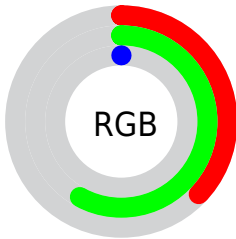
Format	Color
RYB	0, 148, 53
Decimal	6263808
CIELab	55.70, -37.00, 58.54
CIELCh	56, 69.253, 122.292
Yxy	23.6127, 0.3588, 0.5533
Android (android.graphics.Color)	4284453888 (0xFF5F9400)
YUV	115.2810, -56.8335, -17.7864
Hunter-Lab	48.5929, -28.8011, 29.4385

Details

The XYZ color **15.3092, 23.6127, 3.7508** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.8146, 2.8957, 28.2181**, and the grayscale version is **16.5460, 17.4077, 18.9570**.

A 20% lighter version of the original color is **34.8037, 49.1673, 13.4502**, and **5.1498, 9.0005, 1.4659** is the 20% darker color. If you saturate the color by 10%, you get **15.3093, 23.6135, 3.7510**, and if you desaturate by 10%, it is **15.9641, 23.9413, 4.2246**.

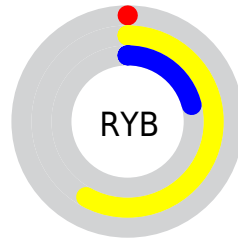
Distribution



Red (37%)

Green (58%)

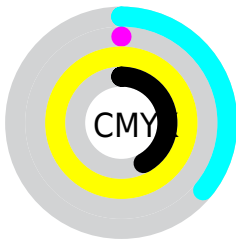
Blue (0%)



Red (0%)

Yellow (58%)

Blue (21%)

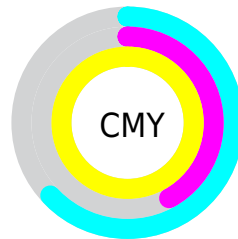


Cyan (36%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (63%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3092, 23.6127, 3.7508 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 15.3092, 23.6127, 3.7508 by changing the saturation by 10% instead.

■ 15.3092, 23.6127,
3.7508

■ 15.3092, 23.6127,
3.7508

218.5816,
270.8565, 145.4139

■ 9.1244, 15.0466,
1.4897

■ 34.9619, 49.3974,
13.4308

■ 4.8802, 8.8521,
0.2102

■ 49.1606, 67.3848,
21.6868

■ 2.2112, 4.6448,
0.0000

■ 66.7612, 89.2815,
32.7781

■ 0.7486, 2.0404,
0.0000

■ 88.1292, 115.4717,
47.1233


■ 0.0000, 0.6308,
0.0000


■ 113.6298,
146.3399, 65.1410


■ 0.0000, 0.0000,
0.0000


■ 143.6286,


182.2705, 87.2496


 178.4907,
223.6479, 113.8677


 15.3092, 23.6127,
3.7508


 15.3092, 23.6127,
3.7508


 15.3093, 23.6135,
3.7510

 15.9641, 23.9413,
4.2246

 16.7164, 24.3124,
5.0142

 17.5960, 24.7389,
6.2713

 18.6148, 25.2257,
8.0545

 19.7828, 25.7768,
10.4135

■ 21.1090, 26.3960,
13.3924

■ 22.6016, 27.0865,
17.0309

■ 24.2682, 27.8514,
21.3654

■ 26.1158, 28.6937,
26.4298

Harmonies

Analogous

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



21.8451, 23.6127, 2.1935



15.3092, 23.6127, 3.7508



11.5604, 23.6127, 10.3981

Triad

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



15.3092, 23.6127, 3.7508



16.1335, 23.6127, 86.0759



41.1463, 23.6127, 24.0204

Complementary

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



15.3092, 23.6127, 3.7508



6.8146, 2.8957, 28.2181

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.



38.6260, 23.6127, 51.4889



15.3092, 23.6127, 3.7508



23.0520, 23.6127, 97.5635

Square

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



15.3092, 23.6127, 3.7508



11.9525, 23.6127, 56.3928



31.5070, 23.6127, 82.2658



37.7658, 23.6127, 8.8455

Rectangle

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



15.3092, 23.6127, 3.7508



10.5662, 23.6127, 20.3394



31.5070, 23.6127, 82.2658



40.9604, 23.6127, 31.9519

Sweetspot

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



15.3097, 23.6137, 3.7513



39.7093, 47.7129, 29.6252



13.4328, 8.7351, 0.9784



8.8280, 10.7825, 6.1757



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.



15.3097, 23.6137, 3.7513



26.8185, 41.5635, 6.6091



10.9260, 21.3538, 3.5462



6.0660, 6.6418, 6.2028



13.1063, 20.1844, 3.2052



0.1927, 0.2637, 0.0407

Inverse Universe

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



6.8146, 2.8957, 28.2181



11.8502, 5.0195, 49.7789



13.9210, 6.5592, 28.5507



5.6839, 5.7280, 7.2758



5.8477, 2.4872, 24.1029



0.1016, 0.0459, 0.2964

Previews

White Background



This preview shows how the XYZ color 15.3092, 23.6127, 3.7508 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 15.3092, 23.6127, 3.7508 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 15.3092, 23.6127, 3.7508

Background



This preview shows how black text looks on a background with the XYZ color 15.3092, 23.6127, 3.7508.



This preview shows how white text looks on a background with the XYZ color 15.3092, 23.6127,

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

15.3092, 23.6127, 3.7508

Protanopia

20.9652, 23.2591, 3.3845

Deuteranopia

23.6190, 23.2259, 4.4006



Tritanopia

21.0688, 23.7264, 31.9030

Trichromacy



Original Color

15.3092, 23.6127, 3.7508

Protanomaly

18.2944, 22.9228, 3.4603

Deuteranomaly

19.6188, 22.7566, 3.9307

Tritanomaly

17.5643, 23.1755, 14.3741

Monochromacy



Original Color

15.3092, 23.6127, 3.7508

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

14.9763, 18.8479, 9.1520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3092, 23.6127, 3.7508 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(95, 148, 0)` looks like.

```
.text, #text, p{  
    color:rgb(95, 148, 0)  
}
```

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(95, 148, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 148, 0) }
```

Border

The CSS property to change the border of an element to XYZ 15.3092, 23.6127, 3.7508 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(95, 148, 0) }
```


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

```
.border{ border-color:rgb(95, 148, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 148, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 148, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 148, 0);  
box-shadow:4px 4px 4px 4px rgb(95, 148, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.3092, 23.6127, 3.7508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 148, 0) }
```

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

```
.background{ background-color: rgb(95, 148,  
0) }
```

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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