

Converting Colors

XYZ(14.6138, 23.8090, 11.7521)

Have a look what the booklet for
XYZ(14.6138, 23.8090, 11.7521)
contains.

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Color

**XYZ(14.6395, 23.7992,
11.8048)**

Conversions

Conversions Part 1

Format	Color
Hex	3F9752
RGB	63, 151, 82
RGB Percent	25%, 59%, 32%
CMY	0.7529, 0.4078, 0.6784
CMYK	0.58, 0.00, 0.46, 0.41
HSL	133°, 41%, 42%
HSV	133°, 58%, 59%
XYZ	14.6395, 23.7992, 11.8048
YIQ	116.8220, -30.2990, -40.1150

Conversions

Conversions Part 2

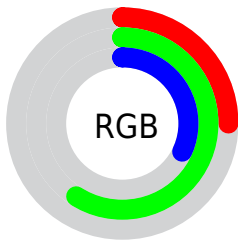
Format	Color
RYB	63, 135, 151
Decimal	4167506
CIELab	55.89, -41.84, 28.58
CIElCh	56, 50.663, 145.665
Yxy	23.7992, 0.2914, 0.4737
Android (android.graphics.Color)	4282357586 (0xFF3F9752)
YUV	116.8220, -17.1672, -47.2019
Hunter-Lab	48.7844, -31.8075, 19.8022

Details

The XYZ color **14.6395, 23.7992, 11.8048** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **18.7056, 11.8007, 23.1222**, and the grayscale version is **16.9121, 17.7928, 19.3764**.

A 20% lighter version of the original color is **33.7074, 49.6601, 29.6386**, and **4.7652, 9.0450, 3.0848** is the 20% darker color. If you saturate the color by 10%, you get **13.3919, 23.2044, 9.5943**, and if you desaturate by 10%, it is **16.2305, 24.5635, 14.4383**.

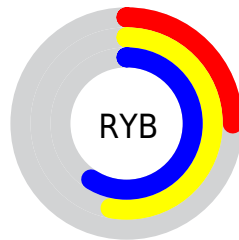
Distribution



Red (25%)

Green (59%)

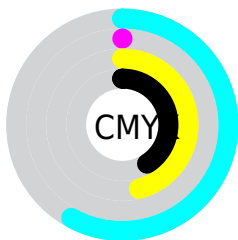
Blue (32%)



Red (25%)

Yellow (53%)

Blue (59%)

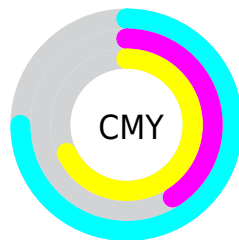


Cyan (58%)

Magenta (0%)

Yellow (46%)

Black (41%)



Cyan (75%)

Magenta (41%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6395, 23.7992, 11.8048 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 14.6395, 23.7992, 11.8048 by changing the saturation by 10% instead.

■ 14.6395, 23.7992,
11.8048

■ 14.6395, 23.7992,
11.8048

214.6056,
271.8037, 214.0405

■ 8.6514, 15.1847,
6.4900

■ 33.7964, 49.7023,
29.7981

■ 4.5698, 8.9491,
3.0717

■ 47.6959, 67.7598,
43.3138

■ 2.0293, 4.7080,
1.1314

■ 64.9633, 89.7337,
60.4000

■ 0.6503, 2.0770,
0.0000

■ 85.9639, 116.0084,
81.4755

■ 0.0000, 0.6516,
0.0000

■ 111.0631,
146.9684, 106.9588

■ 0.0000, 0.0000,
0.0000

140.6262,

182.9980, 137.2684

175.0186,
224.4817, 172.8228

■ 14.6395, 23.7992,
11.8048

■ 14.6395, 23.7992,
11.8048

■ 13.3919, 23.2044,
9.5943

■ 16.2305, 24.5635,
14.4383

■ 12.4599, 22.7630,
7.7831

■ 18.1867, 25.5058,
17.5136

■ 11.8137, 22.4610,
6.3477

■ 20.5298, 26.6379,
21.0505

■ 11.3977, 22.2702,
5.2603

■ 23.2796, 27.9694,
25.0668

■ 11.3361, 22.2418,
5.1056

■ 26.4543, 29.5095,
29.5795

■ 30.0711, 31.2665,
34.6049

■ 34.1463, 33.2486,
40.1585

■ 38.6951, 35.4634,
46.2549

■ 43.7323, 37.9181,
52.9085

Harmonies

Analogous

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



18.1470, 23.7992, 6.5280



14.6395, 23.7992, 11.8048



13.2623, 23.7992, 23.5849

Triad

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



14.6395, 23.7992, 11.8048



21.7921, 23.7992, 72.2693



34.1677, 23.7992, 14.4430

Complementary

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



14.6395, 23.7992, 11.8048



18.7056, 11.8007, 23.1222

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.



35.5862, 23.7992, 28.3901



14.6395, 23.7992, 11.8048



27.7744, 23.7992, 66.4039

Square

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



14.6395, 23.7992, 11.8048



16.9216, 23.7992, 62.0070



33.0755, 23.7992, 48.2862



29.4736, 23.7992, 7.5337

Rectangle

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



14.6395, 23.7992, 11.8048



13.5306, 23.7992, 35.4755



33.0755, 23.7992, 48.2862



35.0741, 23.7992, 18.2451

Sweetspot

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



14.6401, 23.8002, 11.8053



42.1897, 50.3304, 45.6095



21.7009, 27.5124, 8.8694



9.3704, 11.3334, 10.0514



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



14.6401, 23.8002, 11.8053



23.4026, 41.2791, 16.0937



16.7933, 24.6615, 23.1441



6.1840, 6.9463, 6.8926



9.6526, 18.9245, 4.3914



0.1558, 0.2875, 0.1263

Inverse Universe

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



18.7056, 11.8007, 23.1222



31.3600, 17.6789, 38.1604



16.3607, 10.8627, 10.7742



6.4041, 6.3008, 7.5080



13.6701, 6.7223, 15.3196



0.2171, 0.1056, 0.2960

Previews

White Background



This preview shows how the XYZ color 14.6395, 23.7992, 11.8048 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 14.6395, 23.7992, 11.8048 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 14.6395, 23.7992, 11.8048

Background



This preview shows how black text looks on a background with the XYZ color 14.6395, 23.7992, 11.8048.



This preview shows how white text looks on a background with the XYZ color 14.6395, 23.7992,

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

14.6395, 23.7992, 11.8048

Protanopia

21.5116, 23.3940, 10.0383

Deuteranopia

23.8480, 23.3569, 12.4839



Tritanopia

19.1349, 23.7719, 34.1518

Trichromacy



Original Color

14.6395, 23.7992, 11.8048

Protanomaly

17.9557, 23.0192, 10.7045

Deuteranomaly

18.9413, 22.6402, 12.1758

Tritanomaly

17.0768, 23.6121, 24.0796

Monochromacy



Original Color

14.6395, 23.7992, 11.8048

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.2787, 19.2414, 16.0054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6395, 23.7992, 11.8048 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(63, 151, 82)` looks like.

```
.text, #text, p{  
    color:rgb(63, 151, 82)  
}
```

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(63, 151, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 151, 82) }
```

Border

The CSS property to change the border of an element to XYZ 14.6395, 23.7992, 11.8048 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(63, 151, 82) }
```


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

```
.border{ border-color:rgb(63, 151, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 151, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 151, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 151, 82);  
box-shadow:4px 4px 4px 4px rgb(63, 151,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6395, 23.7992, 11.8048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 151, 82) }
```

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

```
.background{ background-color: rgb(63, 151,  
82) }
```

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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