

Converting Colors

XYZ(14.1587, 24.0139, 7.0808)

Have a look what the booklet for
XYZ(14.1587, 24.0139, 7.0808)
contains.

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Color

**XYZ(14.0948, 23.8627,
7.1119)**

Conversions

Conversions Part 1

Format	Color
Hex	429834
RGB	66, 152, 52
RGB Percent	26%, 60%, 20%
CMY	0.7412, 0.4039, 0.7961
CMYK	0.57, 0.00, 0.66, 0.40
HSL	112°, 49%, 40%
HSV	112°, 66%, 60%
XYZ	14.0948, 23.8627, 7.1119
YIQ	114.8860, -19.1560, -49.3320

Conversions

Conversions Part 2

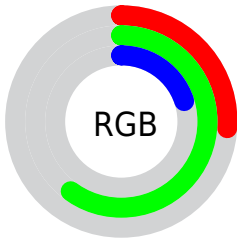
Format	Color
RYB	52, 152, 138
Decimal	4364340
CIELab	55.95, -45.48, 43.51
CIELCh	56, 62.936, 136.268
Yxy	23.8627, 0.3127, 0.5295
Android (android.graphics.Color)	4282554420 (0xFF429834)
YUV	114.8860, -31.0028, -42.8730
Hunter-Lab	48.8495, -33.9830, 25.5627

Details

The XYZ color **14.0948, 23.8627, 7.1119** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **17.3783, 10.1273, 30.7460**, and the grayscale version is **16.3568, 17.2086, 18.7402**.

A 20% lighter version of the original color is **32.7870, 49.7425, 20.7052**, and **4.5572, 9.1143, 1.5191** is the 20% darker color. If you saturate the color by 10%, you get **13.0239, 23.3447, 5.5536**, and if you desaturate by 10%, it is **15.4784, 24.5306, 9.2613**.

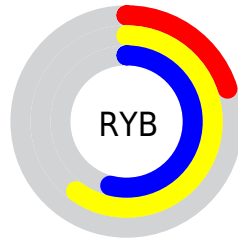
Distribution



Red (26%)

Green (60%)

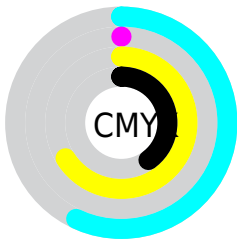
Blue (20%)



Red (20%)

Yellow (60%)

Blue (54%)

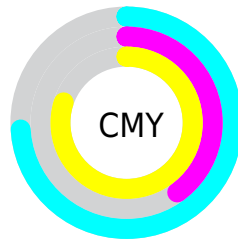


Cyan (57%)

Magenta (0%)

Yellow (66%)

Black (40%)



Cyan (74%)

Magenta (40%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0948, 23.8627, 7.1119 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 14.0948, 23.8627, 7.1119 by changing the saturation by 10% instead.

■ 14.0948, 23.8627,
7.1119

■ 14.0948, 23.8627,
7.1119

211.3186,
272.1256, 178.2564

■ 8.2688, 15.2318,
3.4527

■ 32.8420, 49.8061,
20.7147

■ 4.3207, 8.9822,
1.3302

■ 46.4939, 67.8873,
31.4953

■ 1.8851, 4.7296,
0.0863

■ 63.4851, 89.8875,
45.4868

■ 0.5682, 2.0895,
0.0000

■ 84.1810, 116.1909,
63.1077

■ 0.0000, 0.6587,
0.0000

■ 108.9470,
147.1820, 84.7766

■ 0.0000, 0.0000,
0.0000

■ 138.1483,

183.2453, 110.9119

172.1504,
224.7650, 141.9324

■ 14.0948, 23.8627,
7.1119

■ 14.0948, 23.8627,
7.1119

■ 13.0239, 23.3447,
5.5536

■ 15.4784, 24.5306,
9.2613

■ 12.2392, 22.9621,
4.5262

■ 17.1953, 25.3557,
12.0513

■ 11.7100, 22.7016,
3.9485

■ 19.2660, 26.3484,
15.5278

■ 11.5439, 22.6200,
3.7577

■ 21.7091, 27.5173,
19.7323

■ 24.5418, 28.8705,
24.7028

■ 27.7802, 30.4156,
30.4747

■ 31.4395, 32.1596,
37.0814

■ 35.5341, 34.1092,
44.5540

■ 40.0777, 36.2710,
52.9225

Harmonies

Analogous

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



19.0284, 23.8627, 3.5073



14.0948, 23.8627, 7.1119



11.7378, 23.8627, 17.6803

Triad

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



14.0948, 23.8627, 7.1119



19.5584, 23.8627, 86.4404



38.6861, 23.8627, 16.4043

Complementary

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



14.0948, 23.8627, 7.1119



17.3783, 10.1273, 30.7460

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.



38.9123, 23.8627, 36.5456



14.0948, 23.8627, 7.1119



26.7730, 23.8627, 85.4347

Square

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



14.0948, 23.8627, 7.1119



14.4119, 23.8627, 66.3128



34.1929, 23.8627, 64.0281



33.6279, 23.8627, 6.6028

Rectangle

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



14.0948, 23.8627, 7.1119



11.5377, 23.8627, 30.5436



34.1929, 23.8627, 64.0281



39.3614, 23.8627, 21.8996

Sweetspot

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



14.0954, 23.8637, 7.1124



40.9292, 49.8169, 39.3925



22.5155, 24.8159, 6.8524



9.0126, 11.1841, 8.4453



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.



14.0954, 23.8637, 7.1124



22.2696, 40.8546, 8.8312



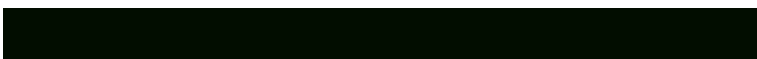
14.3655, 23.8758, 12.8689



6.2086, 6.9650, 6.6230



9.6957, 18.9742, 3.1514



0.1631, 0.2930, 0.0480

Inverse Universe

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



17.3783, 10.1273, 30.7460



28.4032, 14.6759, 53.7694



17.3887, 10.4164, 17.9247



6.3762, 6.2798, 7.8050



12.5842, 5.9384, 25.3907



0.2086, 0.0993, 0.3805

Previews

White Background



This preview shows how the XYZ color 14.0948, 23.8627, 7.1119 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 14.0948, 23.8627, 7.1119 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 14.0948, 23.8627, 7.1119

Background



This preview shows how black text looks on a background with the XYZ color 14.0948, 23.8627, 7.1119.



This preview shows how white text looks on a background with the XYZ color 14.0948, 23.8627,

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

14.0948, 23.8627, 7.1119

Protanopia

21.4326, 23.6450, 6.1236

Deuteranopia

23.9220, 23.5043, 7.5509



Tritanopia

19.4362, 23.7053, 34.1230

Trichromacy



Original Color

14.0948, 23.8627, 7.1119

Protanomaly

17.6870, 23.1934, 6.4503

Deuteranomaly

18.5959, 22.5709, 7.2474

Tritanomaly

16.7142, 23.5044, 20.4855

Monochromacy



Original Color

14.0948, 23.8627, 7.1119

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

14.5807, 18.7524, 12.9763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0948, 23.8627, 7.1119 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(66, 152, 52)` looks like.

```
.text, #text, p{  
    color:rgb(66, 152, 52)  
}
```

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(66, 152, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 152, 52) }
```

Border

The CSS property to change the border of an element to XYZ 14.0948, 23.8627, 7.1119 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(66, 152, 52) }
```


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

```
.border{ border-color:rgb(66, 152, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 152, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 152, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 152, 52);  
box-shadow:4px 4px 4px 4px rgb(66, 152,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0948, 23.8627, 7.1119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 152, 52) }
```

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

```
.background{ background-color: rgb(66, 152,  
52) }
```

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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