

Converting Colors

XYZ(15.9734, 24.2389, 14.9289)

Have a look what the booklet for
XYZ(15.9734, 24.2389, 14.9289)
contains.

XYZ(15.9193, 24.1531, 14.8893)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.9193, 24.1531,
14.8893)**

Conversions

Conversions Part 1

Format	Color
Hex	4B9660
RGB	75, 150, 96
RGB Percent	29%, 59%, 38%
CMY	0.7059, 0.4118, 0.6235
CMYK	0.50, 0.00, 0.36, 0.41
HSL	137°, 33%, 44%
HSV	137°, 50%, 59%
XYZ	15.9193, 24.1531, 14.8893
YIQ	121.4190, -27.3660, -32.6940

Conversions

Conversions Part 2

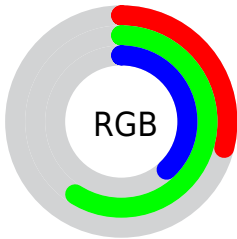
Format	Color
RYB	75, 134, 150
Decimal	4953696
CIELab	56.24, -35.77, 21.51
CIELCh	56, 41.742, 148.975
Yxy	24.1531, 0.2896, 0.4395
Android (android.graphics.Color)	4283143776 (0xFF4B9660)
YUV	121.4190, -12.5316, -40.7095
Hunter-Lab	49.1458, -28.1855, 16.4395

Details

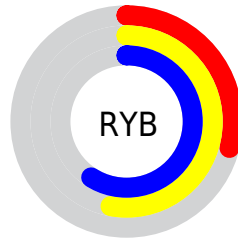
The XYZ color **15.9193, 24.1531, 14.8893** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **19.0569, 13.1016, 22.2941**, and the grayscale version is **18.3558, 19.3118, 21.0305**.

A 20% lighter version of the original color is **36.1510, 50.4364, 35.4336**, and **5.1357, 9.0673, 4.3852** is the 20% darker color. If you saturate the color by 10%, you get **14.4180, 23.4334, 12.3995**, and if you desaturate by 10%, it is **17.7668, 25.0447, 17.7530**.

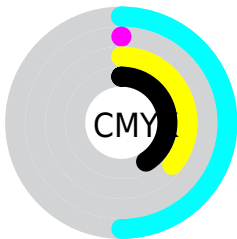
Distribution



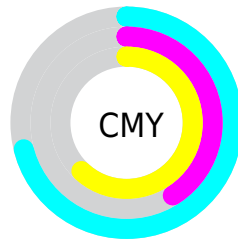
- Red (29%)
- Green (59%)
- Blue (38%)



- Red (29%)
- Yellow (53%)
- Blue (59%)



- Cyan (50%)
- Magenta (0%)
- Yellow (36%)
- Black (41%)





- Cyan (71%)
- Magenta (41%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.9193, 24.1531, 14.8893 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 15.9193, 24.1531, 14.8893 by changing the saturation by 10% instead.


 15.9193, 24.1531,
14.8893


 15.9193, 24.1531,
14.8893


222.1448,
273.5936, 234.3129


 9.5576, 15.4472,
8.5960


 36.0166, 50.2799,
35.3984


 5.1666, 9.1339,
4.3854


 50.4829, 68.4697,
50.4513


 2.3811, 4.8286,
1.8391

 68.3814, 90.5895,
69.2611

 0.8357, 2.1470,
0.4535

 90.0775, 117.0238,
92.2463

 0.0000, 0.6909,
0.0000

 115.9366,
148.1569, 119.8256

 0.0000, 0.0000,
0.0000

146.3239,

184.3734, 152.4174

181.6048,
226.0575, 190.4403

■ 15.9193, 24.1531,
14.8893

■ 15.9193, 24.1531,
14.8893

■ 14.4180, 23.4334,
12.3995

■ 17.7668, 25.0447,
17.7530

■ 13.2386, 22.8714,
10.2665

■ 19.9791, 26.1156,
21.0036

■ 12.3563, 22.4553,
8.4742

■ 22.5756, 27.3760,
24.6553

■ 11.7419, 22.1704,
7.0047

■ 25.5738, 28.8347,
28.7214

■ 11.3248, 21.9808,
5.8365

■ 28.9901, 30.5000,
33.2143

■ 32.8400, 32.3795,
38.1460

■ 37.1382, 34.4806,
43.5280

■ 41.8985, 36.8103,
49.3714

■ 47.1344, 39.3751,
55.6868

Harmonies

Analogous

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



18.7686, 24.1531, 9.2865



15.9193, 24.1531, 14.8893



14.9079, 24.1531, 25.8285

Triad

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



15.9193, 24.1531, 14.8893



22.7921, 24.1531, 62.5826



32.0177, 24.1531, 15.4569

Complementary

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



15.9193, 24.1531, 14.8893



19.0569, 13.1016, 22.2941

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.



33.4801, 24.1531, 26.7744



15.9193, 24.1531, 14.8893



27.7259, 24.1531, 56.8740

Square

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



15.9193, 24.1531, 14.8893



18.5196, 24.1531, 56.0868



31.8120, 24.1531, 42.4158



28.0515, 24.1531, 9.5248

Rectangle

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



15.9193, 24.1531, 14.8893



15.2862, 24.1531, 35.8669



31.8120, 24.1531, 42.4158



32.8409, 24.1531, 18.6041

Sweetspot

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



15.9199, 24.1541, 14.8898



42.2385, 49.4771, 46.7929



21.3831, 27.0677, 10.7543



9.1418, 10.8584, 10.0719



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.



15.9199, 24.1541, 14.8898



25.1688, 41.2216, 21.4044



18.0079, 24.9893, 25.8848



5.7924, 6.4935, 6.5176



9.4044, 18.2345, 4.9051



0.1264, 0.2277, 0.1193

Inverse Universe

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



19.0569, 13.1016, 22.2941



31.3416, 19.4054, 35.9236



17.0481, 12.2981, 11.7157



5.9668, 5.8818, 6.9311



12.6907, 6.2813, 12.3839



0.1679, 0.0819, 0.2179

Previews

White Background



This preview shows how the XYZ color 15.9193, 24.1531, 14.8893 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 15.9193, 24.1531, 14.8893 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 15.9193, 24.1531, 14.8893

Background



This preview shows how black text looks on a background with the XYZ color 15.9193, 24.1531, 14.8893.



This preview shows how white text looks on a background with the XYZ color 15.9193, 24.1531,

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

15.9193, 24.1531, 14.8893

Protanopia

22.0053, 23.7912, 12.8836

Deuteranopia

24.2998, 23.9092, 15.6461



Tritanopia

19.7750, 24.1019, 34.1817

Trichromacy



Original Color

15.9193, 24.1531, 14.8893

Protanomaly

19.0556, 23.5219, 13.6611

Deuteranomaly

20.0999, 23.3814, 15.2581

Tritanomaly

18.1687, 24.1360, 25.8914

Monochromacy



Original Color

15.9193, 24.1531, 14.8893

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

16.8848, 20.6154, 18.4185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9193, 24.1531, 14.8893 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(75, 150, 96)` looks like.

```
.text, #text, p{  
    color:rgb(75, 150, 96)  
}
```

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(75, 150, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 150, 96) }
```

Border

The CSS property to change the border of an element to XYZ 15.9193, 24.1531, 14.8893 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(75, 150, 96) }
```


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

```
.border{ border-color:rgb(75, 150, 96) }
```

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

Here you see how a box with a 4 pixel rgb(75, 150, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 150, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 150, 96);  
box-shadow:4px 4px 4px 4px rgb(75, 150,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9193, 24.1531, 14.8893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 150, 96) }
```

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

```
.background{ background-color: rgb(75, 150,  
96) }
```

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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