

Converting Colors

XYZ(14.9051, 18.9858, 32.5931)

Have a look what the booklet for
XYZ(14.9051, 18.9858, 32.5931)
contains.

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Color

**XYZ(14.9561, 19.1039,
32.6049)**

Conversions

Conversions Part 1

Format	Color
Hex	2F8398
RGB	47, 131, 152
RGB Percent	18%, 51%, 60%
CMY	0.8157, 0.4863, 0.4039
CMYK	0.69, 0.14, 0.00, 0.40
HSL	192°, 53%, 39%
HSV	192°, 69%, 60%
XYZ	14.9561, 19.1039, 32.6049
YIQ	108.2780, -56.8050, -11.2770

Conversions

Conversions Part 2

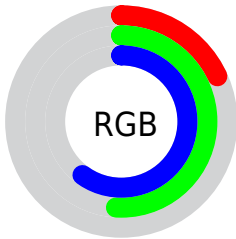
Format	Color
RYB	47, 94, 152
Decimal	3113880
CIELab	50.81, -18.03, -18.62
CIElCh	51, 25.917, 225.918
Yxy	19.1039, 0.2243, 0.2866
Android (android.graphics.Color)	4281303960 (0xFF2F8398)
YUV	108.2780, 21.5549, -53.7408
Hunter-Lab	43.7080, -15.4095, -13.6330

Details

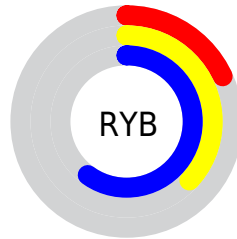
The XYZ color **14.9561, 19.1039, 32.6049** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.5298, 11.0158, 3.9978**, and the grayscale version is **14.2855, 15.0294, 16.3670**.

A 20% lighter version of the original color is **34.2249, 41.8014, 64.6571**, and **5.2914, 6.8244, 13.3503** is the 20% darker color. If you saturate the color by 10%, you get **13.9714, 17.9994, 32.4440**, and if you desaturate by 10%, it is **16.1981, 20.3596, 32.7822**.

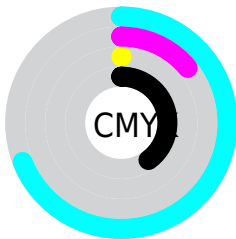
Distribution



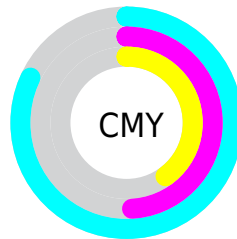
- Red (18%)
- Green (51%)
- Blue (60%)



- Red (18%)
- Yellow (37%)
- Blue (60%)



- Cyan (69%)
- Magenta (14%)
- Yellow (0%)
- Black (40%)



- Cyan (82%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9561, 19.1039, 32.6049 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 14.9561, 19.1039, 32.6049 by changing the saturation by 10% instead.

■ 14.9561, 19.1039,
32.6049

■ 14.9561, 19.1039,
32.6049

■ 216.4940,
247.0217, 328.4429

■ 8.8747, 11.7454,
21.5553

■ 34.3484, 41.9096,
64.8671

■ 4.7160, 6.5705,
13.3353

■ 48.3901, 58.1256,
86.9167

■ 2.1146, 3.1950,
7.5264

■ 65.8158, 78.0628,
113.4702

■ 0.6972, 1.2344,
3.7101

■ 86.9911, 102.1057,
144.9459

■ 0.0000, 0.0895,
1.4677

■ 112.2812,
130.6386, 181.7625

■ 0.0000, 0.0000,
0.1937

■ 142.0515,

■ 0.0000, 0.0000,

164.0460, 224.3385

0.0000

176.6673,
202.7123, 273.0925

■ 14.9561, 19.1039,
32.6049

■ 14.9561, 19.1039,
32.6049

■ 13.9714, 17.9994,
32.4440

■ 16.1981, 20.3596,
32.7822

■ 13.2155, 17.0300,
32.2967

■ 17.7184, 21.7764,
32.9755

■ 12.6302, 16.1661,
32.1608

■ 19.5380, 23.3656,
33.1864

■ 12.5781, 16.0881,
32.1485

■ 21.6753, 25.1367,
33.4156

■ 24.1471, 27.0987,
33.6640

■ 26.9690, 29.2596,
33.9324

■ 30.1557, 31.6273,
34.2214

■ 33.7208, 34.2089,
34.5318

■ 37.6775, 37.0112,
34.8642

Harmonies

Analogous

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



13.8394, 19.1039, 24.8942



14.9561, 19.1039, 32.6049



16.9908, 19.1039, 37.6079

Triad

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



14.9561, 19.1039, 32.6049



23.3401, 19.1039, 24.4076



16.8460, 19.1039, 10.0094

Complementary

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



14.9561, 19.1039, 32.6049



15.5298, 11.0158, 3.9978

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.



19.3769, 19.1039, 9.9381



14.9561, 19.1039, 32.6049



23.2921, 19.1039, 17.1829

Square

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



14.9561, 19.1039, 32.6049



21.9120, 19.1039, 32.1776



21.7864, 19.1039, 12.2572



14.8587, 19.1039, 12.4822

Rectangle

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



14.9561, 19.1039, 32.6049



18.6679, 19.1039, 38.1255



21.7864, 19.1039, 12.2572



17.6569, 19.1039, 9.7275

Sweetspot

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



14.9567, 19.1046, 32.6054



41.5489, 46.9921, 59.3142



13.4446, 23.4787, 9.2930



9.1885, 10.4793, 13.4559



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.



14.9567, 19.1046, 32.6054



23.8748, 30.7945, 57.1193



9.6006, 8.3924, 30.8200



6.2796, 6.8166, 7.9137



10.5683, 13.5332, 26.9629



0.1818, 0.2498, 0.4110

Inverse Universe

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



18.0627, 10.3478, 22.5187



30.0893, 15.5632, 36.4243



20.2394, 20.4350, 5.5677



6.4083, 6.3025, 7.5300



13.7931, 6.7715, 15.9676



0.2182, 0.1060, 0.3019

Previews

White Background



This preview shows how the XYZ color 14.9561, 19.1039, 32.6049 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 14.9561, 19.1039, 32.6049 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

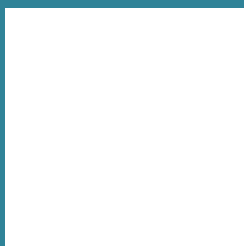
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9561, 19.1039, 32.6049

Background



This preview shows how black text looks on a background with the XYZ color 14.9561, 19.1039, 32.6049.

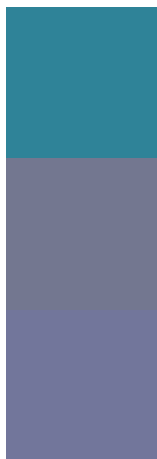


This preview shows how white text looks on a background with the XYZ color 14.9561, 19.1039,

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

14.9561, 19.1039, 32.6049

Protanopia

18.7011, 18.8521, 29.0387

Deuteranopia

19.3343, 18.9008, 33.6395



Tritanopia

14.1640, 18.9779, 28.9032

Trichromacy



Original Color

14.9561, 19.1039, 32.6049

Protanomaly

16.5659, 18.4462, 30.2911

Deuteranomaly

17.1321, 18.6727, 33.2731

Tritanomaly

14.4783, 19.1133, 30.1203

Monochromacy



Original Color

14.9561, 19.1039, 32.6049

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.7212, 15.9245, 21.4193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9561, 19.1039, 32.6049 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(47, 131, 152)` looks like.

```
.text, #text, p{  
    color:rgb(47, 131, 152)  
}
```

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(47, 131, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 131, 152) }
```

Border

The CSS property to change the border of an element to XYZ 14.9561, 19.1039, 32.6049 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(47, 131, 152) }
```


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

```
.border{ border-color:rgb(47, 131, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 131, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 131, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 131, 152);  
box-shadow:4px 4px 4px 4px rgb(47, 131,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9561, 19.1039, 32.6049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 131, 152) }
```

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

```
.background{ background-color: rgb(47, 131,  
152) }
```

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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