

Converting Colors

XYZ(15.2847, 19.1885, 31.6097)

Have a look what the booklet for
XYZ(15.2847, 19.1885, 31.6097)
contains.

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Color

**XYZ(15.2326, 19.0668,
31.7316)**

Conversions

Conversions Part 1

Format	Color
Hex	3A8296
RGB	58, 130, 150
RGB Percent	23%, 51%, 59%
CMY	0.7725, 0.4902, 0.4118
CMYK	0.61, 0.13, 0.00, 0.41
HSL	193°, 44%, 41%
HSV	193°, 61%, 59%
XYZ	15.2326, 19.0668, 31.7316
YIQ	110.7520, -49.3320, -9.0440

Conversions

Conversions Part 2

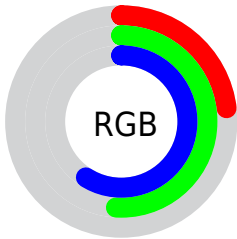
Format	Color
R_{YB}	58, 98, 150
Decimal	3834518
CIE _{Lab}	50.77, -16.19, -17.49
CIE _{LCh}	51, 23.831, 227.204
Yxy	19.0668, 0.2307, 0.2888
Android (android.graphics.Color)	4282024598 (0xFF3A8296)
YUV	110.7520, 19.3493, -46.2635
Hunter-Lab	43.6655, -14.1455, -12.5200

Details

The XYZ color **15.2326, 19.0668, 31.7316** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.0664, 12.2391, 5.5193**, and the grayscale version is **14.9943, 15.7752, 17.1791**.

A 20% lighter version of the original color is **34.7720, 41.8040, 63.3630**, and **5.1946, 6.7857, 12.8404** is the 20% darker color. If you saturate the color by 10%, you get **14.0575, 17.8277, 31.5547**, and if you desaturate by 10%, it is **16.6767, 20.4658, 31.9259**.

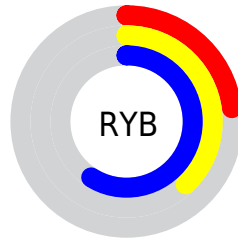
Distribution



Red (23%)

Green (51%)

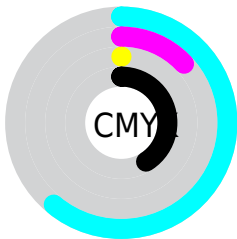
Blue (59%)



Red (23%)

Yellow (38%)

Blue (59%)

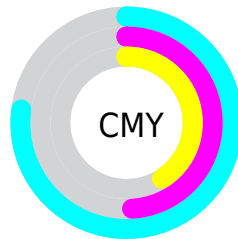


Cyan (61%)

Magenta (13%)

Yellow (0%)

Black (41%)



Cyan (77%)

Magenta (49%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2326, 19.0668, 31.7316 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 15.2326, 19.0668, 31.7316 by changing the saturation by 10% instead.

■ 15.2326, 19.0668,
31.7316

■ 15.2326, 19.0668,
31.7316

218.1304,
246.8173, 324.3497

■ 9.0702, 11.7186,
20.8935

■ 34.8290, 41.8469,
63.4831

■ 4.8445, 6.5523,
12.8557

■ 48.9937, 58.0476,
85.2335

■ 2.1901, 3.1838,
7.1997

■ 66.5566, 77.9679,
111.4585

■ 0.7375, 1.2284,
3.5069

■ 87.8829, 101.9922,
142.5765

■ 0.0000, 0.0847,
1.3590

■ 113.3381,
130.5049, 179.0060

■ 0.0000, 0.0000,
0.1094

143.2875,

■ 0.0000, 0.0000,

163.8904, 221.1658

0.0000

178.0965,
202.5331, 269.4741

■ 15.2326, 19.0668,
31.7316

■ 15.2326, 19.0668,
31.7316

■ 14.0575, 17.8277,
31.5547

■ 16.6767, 20.4658,
31.9259

■ 13.1268, 16.7343,
31.3927

■ 18.4082, 22.0332,
32.1372

■ 12.4140, 15.7734,
31.2448

■ 20.4459, 23.7792,
32.3668

■ 11.9122, 15.0162,
31.1251

■ 22.8064, 25.7126,
32.6155

■ 25.5051, 27.8414,
32.8842

■ 28.5563, 30.1733,
33.1735

■ 31.9737, 32.7154,
33.4841

■ 35.7700, 35.4745,
33.8165

■ 39.9574, 38.4571,
34.1715

Harmonies

Analogous

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



14.1530, 19.0668, 24.8124



15.2326, 19.0668, 31.7316



17.1435, 19.0668, 36.0431

Triad

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



15.2326, 19.0668, 31.7316



22.8768, 19.0668, 23.7491



16.8232, 19.0668, 10.7189

Complementary

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



15.2326, 19.0668, 31.7316



16.0664, 12.2391, 5.5193

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.



19.1379, 19.0668, 10.5546



15.2326, 19.0668, 31.7316



22.7723, 19.0668, 17.1756

Square

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



15.2326, 19.0668, 31.7316



21.6308, 19.0668, 30.8101



21.3564, 19.0668, 12.6639



15.0155, 19.0668, 13.1750

Rectangle

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



15.2326, 19.0668, 31.7316



18.6929, 19.0668, 36.3596



21.3564, 19.0668, 12.6639



17.5637, 19.0668, 10.4160

Sweetspot

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



15.2332, 19.0675, 31.7321



41.6011, 46.4575, 57.6958



14.0246, 23.2618, 10.9468



8.9506, 10.0810, 12.7589



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.



15.2332, 19.0675, 31.7321



24.0802, 30.6350, 55.5652



10.4262, 9.4534, 30.1297



5.8583, 6.3505, 7.3867



9.9036, 12.5020, 25.8222



0.1425, 0.1956, 0.3232

Inverse Universe

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



18.1206, 11.1225, 22.3116



29.9313, 16.3883, 36.0594



20.5413, 21.1888, 7.0109



5.9819, 5.8878, 7.0108



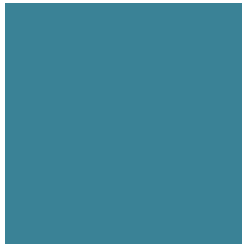
13.1260, 6.4554, 14.6761



0.1714, 0.0833, 0.2363

Previews

White Background



This preview shows how the XYZ color 15.2326, 19.0668, 31.7316 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 15.2326, 19.0668, 31.7316 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 15.2326, 19.0668, 31.7316

Background



This preview shows how black text looks on a background with the XYZ color 15.2326, 19.0668, 31.7316.

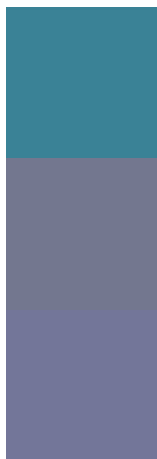


This preview shows how white text looks on a background with the XYZ color 15.2326, 19.0668,

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

15.2326, 19.0668, 31.7316

Protanopia

18.6250, 18.8217, 28.6379

Deuteranopia

19.2984, 18.9016, 32.7682



Tritanopia

14.5201, 18.9699, 28.4874

Trichromacy



Original Color

15.2326, 19.0668, 31.7316

Protanomaly

16.8874, 18.6209, 29.8983

Deuteranomaly

17.2431, 18.5657, 32.3805

Tritanomaly

14.8027, 19.0892, 29.6925

Monochromacy



Original Color

15.2326, 19.0668, 31.7316

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.5937, 16.7128, 21.8588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2326, 19.0668, 31.7316 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(58, 130, 150)` looks like.

```
.text, #text, p{  
    color:rgb(58, 130, 150)  
}
```

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(58, 130, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 130, 150) }
```

Border

The CSS property to change the border of an element to XYZ 15.2326, 19.0668, 31.7316 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(58, 130, 150) }
```


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

```
.border{ border-color:rgb(58, 130, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 130, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(58, 130, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(58, 130, 150); box-shadow:4px 4px 4px 4px rgb(58, 130, 150) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2326, 19.0668, 31.7316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 130, 150) }
```

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

```
.background{ background-color: rgb(58, 130,  
150) }
```

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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