

Converting Colors

XYZ(29.5406, 31.4062, 40.4613)

Have a look what the booklet for
XYZ(29.5406, 31.4062, 40.4613)
contains.

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Color

**XYZ(29.6019, 31.3753,
40.5722)**

Conversions

Conversions Part 1

Format	Color
Hex	8F99A6
RGB	143, 153, 166
RGB Percent	56%, 60%, 65%
CMY	0.4392, 0.4000, 0.3490
CMYK	0.14, 0.08, 0.00, 0.35
HSL	214°, 11%, 61%
HSV	214°, 14%, 65%
XYZ	29.6019, 31.3753, 40.5722
YIQ	151.4920, -10.1330, 1.9230

Conversions

Conversions Part 2

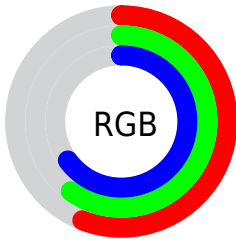
Format	Color
RYB	143, 150, 166
Decimal	9410982
CIELab	62.82, -0.84, -8.02
CIElCh	63, 8.061, 264.053
Yxy	31.3753, 0.2915, 0.3090
Android (android.graphics.Color)	4287601062 (0xFF8F99A6)
YUV	151.4920, 7.1524, -7.4475
Hunter-Lab	56.0137, -3.6909, -3.7358

Details

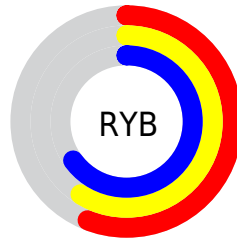
The XYZ color **29.6019, 31.3753, 40.5722** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.5725, 33.8670, 30.8076**, and the grayscale version is **29.6005, 31.1420, 33.9136**.

A 20% lighter version of the original color is **58.3899, 61.7164, 77.2416**, and **12.3028, 13.0448, 17.7891** is the 20% darker color. If you saturate the color by 10%, you get **25.4627, 27.0517, 39.9563**, and if you desaturate by 10%, it is **34.2890, 36.1622, 41.2496**.

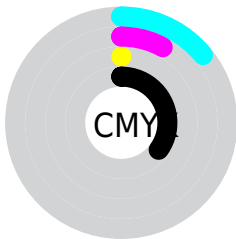
Distribution



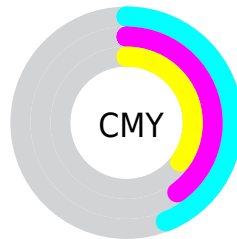
- Red (56%)
- Green (60%)
- Blue (65%)



- Red (56%)
- Yellow (59%)
- Blue (65%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (35%)



- Cyan (44%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6019, 31.3753, 40.5722 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 29.6019, 31.3753, 40.5722 by changing the saturation by 10% instead.

■ 29.6019, 31.3753,
40.5722

■ 29.6019, 31.3753,
40.5722

291.9876,
308.2636, 364.1530

■ 19.6832, 20.8848,
27.6678

■ 58.4230, 61.8305,
77.2807

■ 12.2719, 13.0398,
17.8385

■ 78.0561, 82.5639,
101.9218

■ 7.0026, 7.4560,
10.6659

101.6580,
107.4805, 131.3122

■ 3.5101, 3.7489,
5.7313

129.5941,
136.9645, 165.8705

■ 1.4289, 1.5341,
2.6163

162.2298,
171.4005, 206.0152

■ 0.2767, 0.3125,
0.9008

199.9304,

■ 0.0000, 0.0000,

211.1727, 252.1648

0.0000

243.0612,
256.6656, 304.7379

■ 29.6019, 31.3753,
40.5722

■ 29.6019, 31.3753,
40.5722

■ 25.4627, 27.0517,
39.9563

■ 34.2890, 36.1622,
41.2496

■ 21.8472, 23.1724,
39.3981

■ 39.5412, 41.4229,
41.9882

■ 18.7335, 19.7226,
38.8963

■ 45.3787, 47.1723,
42.7903

■ 16.0970, 16.6854,
38.4490

■ 51.8196, 53.4235,
43.6574

■ 13.9107, 14.0420,
38.0541

■ 58.8811, 60.1890,
44.5911

■ 12.1447, 11.7725,
37.7091

■ 66.5800, 67.4810,
45.5928

■ 10.7651, 9.8543,
37.4115

■ 73.3691, 74.5053,
46.5908

■ 9.7318, 8.2612,
37.1585

■ 75.8811, 79.5293,
47.4282

■ 9.2126, 7.4124,
37.0220

■ 78.5332, 84.8335,
48.3122

Harmonies

Analogous

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



28.5925, 31.3753, 39.3236



29.6019, 31.3753, 40.5722



30.6948, 31.3753, 40.0195

Triad

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



29.6019, 31.3753, 40.5722



31.8018, 31.3753, 31.7442



28.1357, 31.3753, 30.7167

Complementary

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



29.6019, 31.3753, 40.5722



32.5725, 33.8670, 30.8076

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.



28.9645, 31.3753, 28.9066



29.6019, 31.3753, 40.5722



31.0847, 31.3753, 29.4737

Square

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



29.6019, 31.3753, 40.5722



31.9826, 31.3753, 34.7961



30.0417, 31.3753, 28.4659



27.7596, 31.3753, 33.5364

Rectangle

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



29.6019, 31.3753, 40.5722



31.3216, 31.3753, 38.7201



30.0417, 31.3753, 28.4659



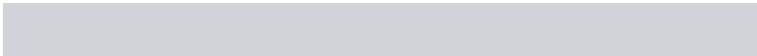
28.3696, 31.3753, 29.9771

Sweetspot

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



29.6028, 31.3766, 40.5729



62.0329, 65.4304, 74.8351



30.9357, 35.5011, 36.5198



13.7349, 14.4934, 16.7257



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.6028, 31.3766, 40.5729



51.0149, 54.1350, 73.2356



28.2339, 28.3417, 40.0592



7.3901, 7.8172, 9.5377



7.1887, 5.8376, 28.7234



0.2261, 0.2445, 0.7159

Inverse Universe

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



31.2989, 30.0526, 34.2896



54.7980, 51.2988, 59.1941



34.0805, 37.2394, 31.3790



7.6615, 7.5945, 8.5347



13.1291, 6.6604, 5.4915



0.3453, 0.1724, 0.2698

Previews

White Background



This preview shows how the XYZ color 29.6019, 31.3753, 40.5722 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 29.6019, 31.3753, 40.5722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

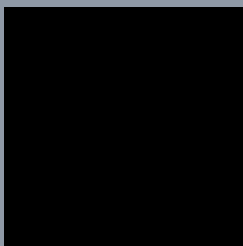
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

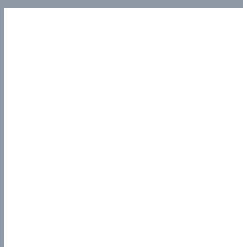
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.6019, 31.3753, 40.5722

Background



This preview shows how black text looks on a background with the XYZ color 29.6019, 31.3753, 40.5722.

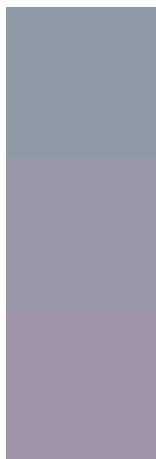


This preview shows how white text looks on a background with the XYZ color 29.6019, 31.3753,

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

29.6019, 31.3753, 40.5722

Protanopia

30.6206, 31.4291, 40.0499

Deuteranopia

32.0622, 31.4434, 40.9385



Tritanopia

29.5105, 31.3387, 40.0909

Trichromacy



Original Color

29.6019, 31.3753, 40.5722

Protanomaly

30.2325, 31.4690, 40.0780

Deuteranomaly

31.2078, 31.4727, 40.9892

Tritanomaly

29.5105, 31.3387, 40.0909

Monochromacy



Original Color

29.6019, 31.3753, 40.5722

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.4417, 31.1527, 35.9138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6019, 31.3753, 40.5722 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(143, 153, 166)` looks like.

```
.text, #text, p{  
    color:rgb(143, 153, 166)  
}
```

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(143, 153, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 153, 166) }
```

Border

The CSS property to change the border of an element to XYZ 29.6019, 31.3753, 40.5722 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(143, 153, 166) }
```


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

```
.border{ border-color:rgb(143, 153, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 153, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 153, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 153, 166);  
box-shadow:4px 4px 4px 4px rgb(143, 153,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6019, 31.3753, 40.5722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 153, 166) }
```

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

```
.background{ background-color: rgb(143,  
153, 166) }
```

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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