

Converting Colors

XYZ(16.4813, 19.1080, 32.5253)

Have a look what the booklet for
XYZ(16.4813, 19.1080, 32.5253)
contains.

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Color

**XYZ(16.4813, 19.1080,
32.5253)**

Conversions

Conversions Part 1

Format	Color
Hex	4F7F98
RGB	79, 127, 152
RGB Percent	31%, 50%, 60%
CMY	0.6902, 0.5020, 0.4039
CMYK	0.48, 0.16, 0.00, 0.40
HSL	201°, 32%, 45%
HSV	201°, 48%, 60%
XYZ	16.4813, 19.1080, 32.5253
YIQ	115.4980, -36.6330, -2.4010

Conversions

Conversions Part 2

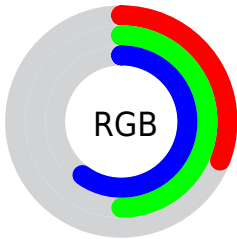
Format	Color
R_{YB}	79, 108, 152
Decimal	5210008
CIE _{Lab}	50.81, -9.17, -18.50
CIE _{LCh}	51, 20.648, 243.633
Yxy	19.1080, 0.2420, 0.2805
Android (android.graphics.Color)	4283400088 (0xFF4F7F98)
YUV	115.4980, 17.9955, -32.0087
Hunter-Lab	43.7127, -9.1961, -13.5170

Details

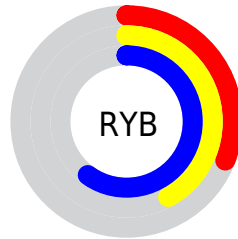
The XYZ color **16.4813, 19.1080, 32.5253** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.3109, 17.1410, 9.6885**, and the grayscale version is **16.4025, 17.2567, 18.7925**.

A 20% lighter version of the original color is **36.9776, 42.0043, 64.5512**, and **5.4267, 6.5705, 13.2941** is the 20% darker color. If you saturate the color by 10%, you get **14.7037, 17.2196, 32.2548**, and if you desaturate by 10%, it is **18.5840, 21.2163, 32.8218**.

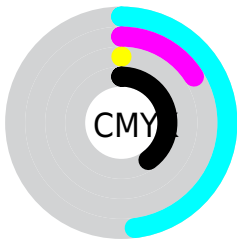
Distribution



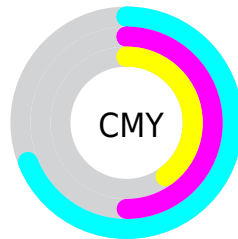
- Red (31%)
- Green (50%)
- Blue (60%)



- Red (31%)
- Yellow (42%)
- Blue (60%)



- Cyan (48%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)



- Cyan (69%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4813, 19.1080, 32.5253 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 16.4813, 19.1080, 32.5253 by changing the saturation by 10% instead.

■ 16.4813, 19.1080,
32.5253

■ 16.4813, 19.1080,
32.5253

■ 225.3802,
247.0443, 328.0714

■ 9.9584, 11.7483,
21.4949

■ 36.9825, 41.9165,
64.7411

■ 5.4334, 6.5726,
13.2915

■ 51.6915, 58.1342,
86.7637

■ 2.5411, 3.1963,
7.4965

■ 69.8599, 78.0733,
113.2873

■ 0.9160, 1.2350,
3.6914

■ 91.8530, 102.1182,
144.7306

■ 0.0000, 0.0900,
1.4576

■ 118.0363,
130.6534, 181.5122

■ 0.0000, 0.0000,
0.1860

148.7750,

■ 0.0000, 0.0000,

164.0632, 224.0505

0.0000

184.4345,
202.7321, 272.7640

■ 16.4813, 19.1080,
32.5253

■ 16.4813, 19.1080,
32.5253

■ 14.7037, 17.2196,
32.2548

■ 18.5840, 21.2163,
32.8218

■ 13.2289, 15.5377,
32.0079

■ 21.0284, 23.5528,
33.1439

■ 12.0344, 14.0503,
31.7838

■ 23.8325, 26.1277,
33.4931

■ 11.0935, 12.7429,
31.5810

■ 27.0119, 28.9499,
33.8703

■ 10.3564, 11.5890,
31.3971

■ 30.5818, 32.0279,
34.2763

■ 10.2196, 11.3712,
31.3623

■ 34.5561, 35.3696,
34.7118

■ 38.9481, 38.9824,
35.1777

■ 43.7706, 42.8738,
35.6746

■ 49.0357, 47.0505,
36.2033

Harmonies

Analogous

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



15.0993, 19.1080, 27.6375



16.4813, 19.1080, 32.5253



18.4102, 19.1080, 34.0871

Triad

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



16.4813, 19.1080, 32.5253



22.3458, 19.1080, 20.1045



16.0827, 19.1080, 12.8114

Complementary

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



16.4813, 19.1080, 32.5253



19.3109, 17.1410, 9.6885

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.



17.9152, 19.1080, 11.5182



16.4813, 19.1080, 32.5253



21.6121, 19.1080, 15.2036

Square

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



16.4813, 19.1080, 32.5253



21.8913, 19.1080, 26.1801



19.9524, 19.1080, 12.3051



14.8815, 19.1080, 16.2217

Rectangle

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



16.4813, 19.1080, 32.5253



19.7730, 19.1080, 32.8301



19.9524, 19.1080, 12.3051



16.6402, 19.1080, 12.1468

Sweetspot

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



16.4819, 19.1087, 32.5258



44.0929, 47.9347, 59.3621



16.9181, 25.1051, 16.8746



9.7734, 10.6729, 13.4625



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.



16.4819, 19.1087, 32.5258



25.6404, 30.0488, 56.8823



12.6478, 11.4406, 31.2477



6.2064, 6.6701, 7.8893



8.5983, 9.5934, 26.3062



0.1620, 0.2104, 0.4044

Inverse Universe

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



19.5761, 13.8002, 21.7113



32.0245, 20.3343, 34.2922



23.7143, 25.9479, 11.1563



6.3713, 6.2877, 7.3353



12.7988, 6.3738, 10.7315



0.2082, 0.1021, 0.2495

Previews

White Background



This preview shows how the XYZ color 16.4813, 19.1080, 32.5253 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 16.4813, 19.1080, 32.5253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

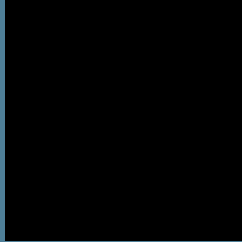
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.4813, 19.1080, 32.5253

Background



This preview shows how black text looks on a background with the XYZ color 16.4813, 19.1080, 32.5253.



This preview shows how white text looks on a background with the XYZ color 16.4813, 19.1080,

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

16.4813, 19.1080, 32.5253

Protanopia

18.8027, 18.8776, 30.2565

Deuteranopia

19.3814, 18.9348, 33.2051



Tritanopia

15.4855, 19.0898, 27.6795

Trichromacy



Original Color

16.4813, 19.1080, 32.5253

Protanomaly

17.7512, 18.8557, 31.1377

Deuteranomaly

18.0666, 18.7994, 32.8134

Tritanomaly

15.7337, 18.9885, 29.2214

Monochromacy



Original Color

16.4813, 19.1080, 32.5253

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.2724, 17.9015, 23.3666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4813, 19.1080, 32.5253 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(79, 127, 152)` looks like.

```
.text, #text, p{  
    color:rgb(79, 127, 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(79, 127, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 127, 152) }
```

Border

The CSS property to change the border of an element to XYZ 16.4813, 19.1080, 32.5253 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(79, 127, 152) }
```


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

```
.border{ border-color:rgb(79, 127, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 127, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 127, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 127, 152);  
box-shadow:4px 4px 4px 4px rgb(79, 127,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4813, 19.1080, 32.5253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 127, 152) }
```

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

```
.background{ background-color: rgb(79, 127,  
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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