

Converting Colors

XYZ(16.6502, 18.6948, 28.9345)

Have a look what the booklet for
XYZ(16.6502, 18.6948, 28.9345)
contains.

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Color

**XYZ(16.6553, 18.7042,
29.1180)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7C90
RGB	92, 124, 144
RGB Percent	36%, 49%, 56%
CMY	0.6392, 0.5137, 0.4353
CMYK	0.36, 0.14, 0.00, 0.44
HSL	203°, 22%, 46%
HSV	203°, 36%, 56%
XYZ	16.6553, 18.7042, 29.1180
YIQ	116.7120, -25.4920, -0.5640

Conversions

Conversions Part 2

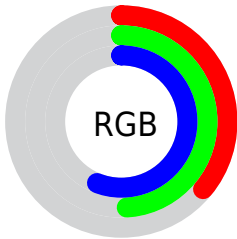
Format	Color
R_{YB}	92, 112, 144
Decimal	6061200
CIE Lab	50.34, -6.15, -14.48
CIE LCh	50, 15.728, 246.984
Yxy	18.7042, 0.2583, 0.2901
Android (android.graphics.Color)	4284251280 (0xFF5C7C90)
YUV	116.7120, 13.4530, -21.6724
Hunter-Lab	43.2484, -6.9428, -9.6446

Details

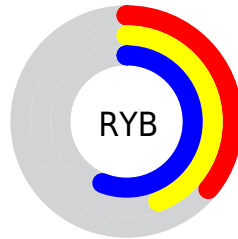
The XYZ color **16.6553, 18.7042, 29.1180** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.2279, 18.2906, 12.6427**, and the grayscale version is **16.7853, 17.6595, 19.2311**.

A 20% lighter version of the original color is **37.2200, 41.0572, 59.3892**, and **5.5327, 6.3539, 11.5245** is the 20% darker color. If you saturate the color by 10%, you get **14.6767, 16.6830, 28.8325**, and if you desaturate by 10%, it is **18.9475, 20.9458, 29.4302**.

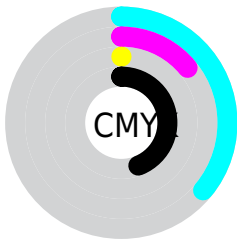
Distribution



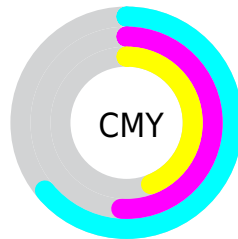
- Red (36%)
- Green (49%)
- Blue (56%)



- Red (36%)
- Yellow (44%)
- Blue (56%)



- Cyan (36%)
- Magenta (14%)
- Yellow (0%)
- Black (44%)



- Cyan (64%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6553, 18.7042, 29.1180 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 16.6553, 18.7042, 29.1180 by changing the saturation by 10% instead.

■ 16.6553, 18.7042,
29.1180

■ 16.6553, 18.7042,
29.1180

226.3732,
244.8109, 311.8496

■ 10.0828, 11.4567,
18.9238

■ 37.2805, 41.2337,
59.3089

■ 5.5166, 6.3749,
11.4389

■ 52.0639, 57.2845,
80.1427

■ 2.5913, 3.0744,
6.2450

■ 70.3150, 77.0385,
105.3601

■ 0.9415, 1.1707,
2.9234

■ 92.3991, 100.8801,
135.3796

■ 0.0000, 0.0376,
1.0557

118.6817,
129.1938, 170.6197

■ 0.0000, 0.0000,
0.0000

149.5280,

162.3639, 211.4991

185.3034,
200.7748, 258.4362

■ 16.6553, 18.7042,
29.1180

■ 16.6553, 18.7042,
29.1180

■ 14.6767, 16.6830,
28.8325

■ 18.9475, 20.9458,
29.4302

■ 12.9938, 14.8708,
28.5714

■ 21.5665, 23.4142,
29.7686

■ 11.5894, 13.2581,
28.3341

■ 24.5269, 26.1183,
30.1345

■ 10.4437, 11.8337,
28.1196

■ 27.8416, 29.0657,
30.5287

■ 9.5339, 10.5850,
27.9265

■ 31.5230, 32.2635,
30.9519

■ 8.8259, 9.4932,
27.7531

■ 35.5829, 35.7187,
31.4049

■ 8.5748, 9.0951,
27.6895

■ 40.0325, 39.4379,
31.8882

■ 44.8825, 43.4275,
32.4027

■ 50.1432, 47.6934,
32.9488

Harmonies

Analogous

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



15.5360, 18.7042, 25.8493



16.6553, 18.7042, 29.1180



18.1368, 18.7042, 29.8945

Triad

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



16.6553, 18.7042, 29.1180



20.8513, 18.7042, 19.3612



16.0708, 18.7042, 14.3649

Complementary

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



16.6553, 18.7042, 29.1180



19.2279, 18.2906, 12.6427

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.



17.4235, 18.7042, 13.1132



16.6553, 18.7042, 29.1180



20.2255, 18.7042, 15.7182

Square

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



16.6553, 18.7042, 29.1180



20.6167, 18.7042, 23.8303



18.9496, 18.7042, 13.5706



15.2122, 18.7042, 17.2543

Rectangle

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



16.6553, 18.7042, 29.1180



19.1423, 18.7042, 28.8072



18.9496, 18.7042, 13.5706



16.4797, 18.7042, 13.7590

Sweetspot

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



16.6559, 18.7049, 29.1184



40.5115, 43.5736, 52.8134



17.3082, 23.3906, 18.9129



9.1484, 9.8626, 12.0937



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



16.6559, 18.7049, 29.1184



26.6175, 30.1866, 50.9617



13.8221, 13.0373, 28.1738



5.3884, 5.7726, 6.8590



7.4902, 7.9663, 24.1200



0.0930, 0.1190, 0.2377

Inverse Universe

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



18.9673, 15.0393, 20.9727



31.3982, 23.1666, 33.9881



22.5127, 24.8602, 13.7377



5.5395, 5.4763, 6.3391



11.5838, 5.7905, 8.7256



0.1216, 0.0597, 0.1403

Previews

White Background



This preview shows how the XYZ color 16.6553, 18.7042, 29.1180 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 16.6553, 18.7042, 29.1180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

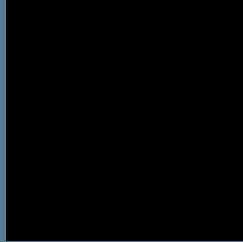
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.6553, 18.7042, 29.1180

Background



This preview shows how black text looks on a background with the XYZ color 16.6553, 18.7042, 29.1180.



This preview shows how white text looks on a background with the XYZ color 16.6553, 18.7042,

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

16.6553, 18.7042, 29.1180

Protanopia

18.2823, 18.4952, 27.4173

Deuteranopia

19.0208, 18.6495, 29.7913



Tritanopia

15.9940, 18.6185, 26.0433

Trichromacy



Original Color

16.6553, 18.7042, 29.1180

Protanomaly

17.5876, 18.4818, 27.8397

Deuteranomaly

18.1340, 18.7285, 29.4473

Tritanomaly

16.3082, 18.7555, 27.1867

Monochromacy



Original Color

16.6553, 18.7042, 29.1180

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.7316, 18.1534, 22.7008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6553, 18.7042, 29.1180 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(92, 124, 144) looks like.

```
.text, #text, p{  
    color:rgb(92, 124, 144)  
}
```

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(92, 124, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 124, 144) }
```

Border

The CSS property to change the border of an element to XYZ 16.6553, 18.7042, 29.1180 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(92, 124, 144) }
```


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

```
.border{ border-color:rgb(92, 124, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 124, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 124, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 124, 144);  
box-shadow:4px 4px 4px 4px rgb(92, 124,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6553, 18.7042, 29.1180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 124, 144) }
```

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

```
.background{ background-color: rgb(92, 124,  
144) }
```

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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