

Converting Colors

XYZ(18.1730, 21.1067, 26.4012)

Have a look what the booklet for
XYZ(18.1730, 21.1067, 26.4012)
contains.

XYZ(18.1747, 21.1049, 26.4083)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.1747, 21.1049,
26.4083)**

Conversions

Conversions Part 1

Format	Color
Hex	668488
RGB	102, 132, 136
RGB Percent	40%, 52%, 53%
CMY	0.6000, 0.4823, 0.4667
CMYK	0.25, 0.03, 0.00, 0.47
HSL	187°, 14%, 47%
HSV	187°, 25%, 53%
XYZ	18.1747, 21.1049, 26.4083
YIQ	123.4860, -19.1640, -5.1160

Conversions

Conversions Part 2

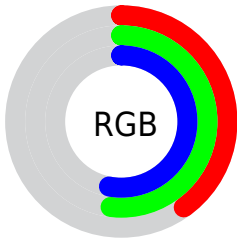
Format	Color
RYB	102, 118, 136
Decimal	6718600
CIELab	53.06, -9.63, -5.65
CIELCh	53, 11.167, 210.394
Yxy	21.1049, 0.2767, 0.3213
Android (android.graphics.Color)	4284908680 (0xFF668488)
YUV	123.4860, 6.1694, -18.8432
Hunter-Lab	45.9401, -9.7774, -1.9244

Details

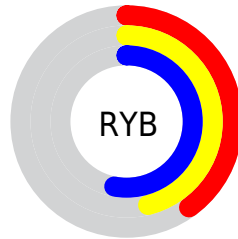
The XYZ color **18.1747, 21.1049, 26.4083** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.7059, 16.5017, 14.8228**, and the grayscale version is **18.9726, 19.9607, 21.7372**.

A 20% lighter version of the original color is **39.8607, 45.2421, 54.7758**, and **6.2943, 7.6427, 9.9475** is the 20% darker color. If you saturate the color by 10%, you get **16.5430, 19.9448, 26.2707**, and if you desaturate by 10%, it is **20.0638, 22.4038, 26.5598**.

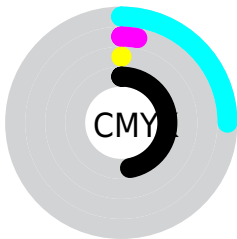
Distribution



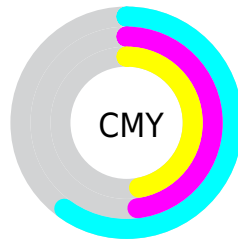
- Red (40%)
- Green (52%)
- Blue (53%)



- Red (40%)
- Yellow (46%)
- Blue (53%)



- Cyan (25%)
- Magenta (3%)
- Yellow (0%)
- Black (47%)



- Cyan (60%)
- Magenta (48%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1747, 21.1049, 26.4083 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 18.1747, 21.1049, 26.4083 by changing the saturation by 10% instead.

■ 18.1747, 21.1049,
26.4083

■ 18.1747, 21.1049,
26.4083

234.8805,
257.8355, 298.4497

■ 11.1759, 13.2007,
16.9008

■ 39.8625, 45.2621,
54.9251

■ 6.2535, 7.5669,
10.0026

■ 55.2823, 62.2838,
74.7714

■ 3.0419, 3.8191,
5.2951

■ 74.2398, 83.1135,
98.9012

■ 1.1760, 1.5729,
2.3597

■ 97.1004, 108.1356,
127.7329

■ 0.0873, 0.3392,
0.7644

124.2294,
137.7344, 161.6850

■ 0.0000, 0.0000,
0.0000

155.9922,

172.2944, 201.1762

192.7541,
212.2000, 246.6249

■ 18.1747, 21.1049,
26.4083

■ 18.1747, 21.1049,
26.4083

■ 16.5430, 19.9448,
26.2707

■ 20.0638, 22.4038,
26.5598

■ 15.1546, 18.9144,
26.1450

■ 22.2201, 23.8448,
26.7243

■ 13.9967, 18.0078,
26.0311

■ 24.6548, 25.4343,
26.9028

■ 13.0547, 17.2173,
25.9281

■ 27.3782, 27.1777,
27.0957

■ 12.3121, 16.5345,
25.8355

■ 30.4000, 29.0799,
27.3036

■ 11.7503, 15.9497,
25.7522

■ 33.7294, 31.1457,
27.5269

■ 11.3431, 15.4495,
25.6771

■ 37.3752, 33.3797,
27.7659

■ 11.1614, 15.2124,
25.6409

■ 41.3459, 35.7862,
28.0212

■ 45.6495, 38.3696,
28.2930

Harmonies

Analogous

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



17.8858, 21.1049, 23.0241



18.1747, 21.1049, 26.4083



18.9649, 21.1049, 29.0715

Triad

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



18.1747, 21.1049, 26.4083



22.0870, 21.1049, 26.3239



20.0441, 21.1049, 17.1020

Complementary

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



18.1747, 21.1049, 26.4083



17.7059, 16.5017, 14.8228

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.



21.1956, 21.1049, 17.8044



18.1747, 21.1049, 26.4083



22.4027, 21.1049, 22.9352

Square

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



18.1747, 21.1049, 26.4083



21.2235, 21.1049, 29.0196



22.0705, 21.1049, 19.8614



18.9390, 21.1049, 17.8420

Rectangle

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



18.1747, 21.1049, 26.4083



19.6852, 21.1049, 29.9617



22.0705, 21.1049, 19.8614



20.4386, 21.1049, 17.1764

Sweetspot

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



18.1753, 21.1058, 26.4088



38.2990, 41.4525, 47.0309



16.8838, 21.4734, 16.8819



8.8264, 9.5713, 10.8886



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.1753, 21.1058, 26.4088



30.3501, 36.0088, 46.3991



16.0584, 16.8719, 25.7031



5.1235, 5.5899, 6.4148



10.5681, 14.4066, 24.2694



0.0768, 0.1089, 0.1634

Inverse Universe

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



19.0701, 16.4034, 23.9919



32.2280, 26.3237, 41.2851



19.6308, 20.3516, 15.4644



5.2090, 5.1190, 6.1888



12.8211, 6.2386, 17.3601



0.0885, 0.0428, 0.1328

Previews

White Background



This preview shows how the XYZ color 18.1747, 21.1049, 26.4083 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 18.1747, 21.1049, 26.4083 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

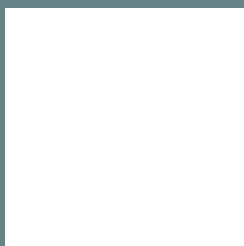
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.1747, 21.1049, 26.4083

Background



This preview shows how black text looks on a background with the XYZ color 18.1747, 21.1049, 26.4083.



This preview shows how white text looks on a background with the XYZ color 18.1747, 21.1049,

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

18.1747, 21.1049, 26.4083

Protanopia

20.3781, 21.0997, 24.8284

Deuteranopia

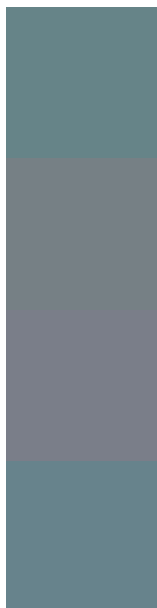
21.3433, 20.9874, 26.9708



Tritanopia

18.5923, 21.0692, 28.6780

Trichromacy



Original Color

18.1747, 21.1049, 26.4083

Protanomaly

19.4240, 20.9834, 25.2167

Deuteranomaly

20.0023, 20.8654, 26.6401

Tritanomaly

18.4434, 21.0096, 27.8941

Monochromacy



Original Color

18.1747, 21.1049, 26.4083

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.4274, 20.1251, 23.3354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1747, 21.1049, 26.4083 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(102, 132, 136)` looks like.

```
.text, #text, p{  
    color:rgb(102, 132, 136)  
}
```

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(102, 132, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 132, 136) }
```

Border

The CSS property to change the border of an element to XYZ 18.1747, 21.1049, 26.4083 is called "border". The border property can be set on classes, ids or directly on the HTML element.

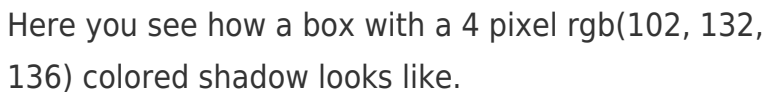
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(102, 132, 136) }
```


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

```
.border{ border-color:rgb(102, 132, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(102, 132, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 132, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 132, 136); box-shadow:4px 4px 4px 4px rgb(102, 132, 136) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1747, 21.1049, 26.4083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 132, 136) }
```

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

```
.background{ background-color: rgb(102,  
132, 136) }
```

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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