

Converting Colors

XYZ(18.7105, 21.3728, 26.8061)

Have a look what the booklet for
XYZ(18.7105, 21.3728, 26.8061)
contains.

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Color

**XYZ(18.7105, 21.3728,
26.8061)**

Conversions

Conversions Part 1

Format	Color
Hex	6A8489
RGB	106, 132, 137
RGB Percent	42%, 52%, 54%
CMY	0.5843, 0.4823, 0.4627
CMYK	0.23, 0.04, 0.00, 0.46
HSL	190°, 13%, 48%
HSV	190°, 23%, 54%
XYZ	18.7105, 21.3728, 26.8061
YIQ	124.7960, -17.1010, -3.9570

Conversions

Conversions Part 2

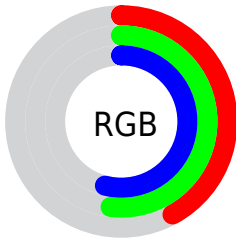
Format	Color
R_{YB}	106, 120, 137
Decimal	6980745
CIE _{Lab}	53.36, -8.08, -5.77
CIE _{LCh}	53, 9.932, 215.526
Yxy	21.3728, 0.2797, 0.3195
Android (android.graphics.Color)	4285170825 (0xFF6A8489)
YUV	124.7960, 6.0166, -16.4841
Hunter-Lab	46.2307, -8.6612, -2.0168

Details

The XYZ color **18.7105, 21.3728, 26.8061** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.6028, 17.7281, 16.0776**, and the grayscale version is **19.4095, 20.4203, 22.2377**.

A 20% lighter version of the original color is **40.7438, 45.6847, 55.3858**, and **6.5585, 7.7742, 10.1717** is the 20% darker color. If you saturate the color by 10%, you get **16.9145, 20.0074, 26.6376**, and if you desaturate by 10%, it is **20.7743, 22.8867, 26.9899**.

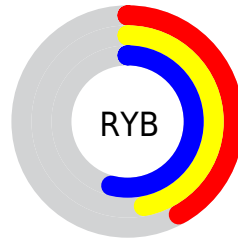
Distribution



Red (42%)

Green (52%)

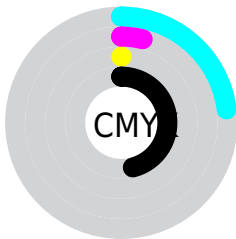
Blue (54%)



Red (42%)

Yellow (47%)

Blue (54%)

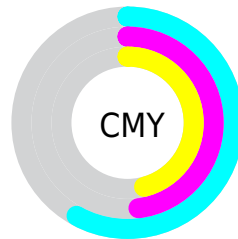


Cyan (23%)

Magenta (4%)

Yellow (0%)

Black (46%)



Cyan (58%)

Magenta (48%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7105, 21.3728, 26.8061 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 18.7105, 21.3728, 26.8061 by changing the saturation by 10% instead.

■ 18.7105, 21.3728,
26.8061

■ 18.7105, 21.3728,
26.8061

237.8148,
259.2531, 300.4475

■ 11.5640, 13.3968,
17.1965

■ 40.7650, 45.7072,
55.5725

■ 6.5176, 7.7023,
10.2113

■ 56.4038, 62.8343,
75.5664

■ 3.2059, 3.9051,
5.4318

■ 75.6040, 83.7806,
99.8588

■ 1.2636, 1.6206,
2.4397

■ 98.7311, 108.9304,
128.8683

■ 0.1557, 0.3714,
0.8079

126.1503,
138.6682, 163.0133

■ 0.0000, 0.0000,
0.0000

158.2271,

173.3783, 202.7125

195.3268,
213.4451, 248.3844

■ 18.7105, 21.3728,
26.8061

■ 18.7105, 21.3728,
26.8061

■ 16.9145, 20.0074,
26.6376

■ 20.7743, 22.8867,
26.9899

■ 15.3719, 18.7815,
26.4822

■ 23.1154, 24.5526,
27.1880

■ 14.0701, 17.6891,
26.3400

■ 25.7455, 26.3769,
27.4015

■ 12.9944, 16.7224,
26.2101

■ 28.6747, 28.3650,
27.6309

■ 12.1287, 15.8732,
26.0918

■ 31.9128, 30.5219,
27.8766

■ 11.4543, 15.1317,
25.9842

■ 35.4691, 32.8527,
28.1390

■ 10.9496, 14.4868,
25.8864

■ 39.3525, 35.3618,
28.4186

■ 10.6359, 14.0472,
25.8180

■ 43.5717, 38.0538,
28.7159

■ 48.1347, 40.9329,
29.0311

Harmonies

Analogous

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



18.3648, 21.3728, 23.8342



18.7105, 21.3728, 26.8061



19.4869, 21.3728, 28.9581

Triad

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



18.7105, 21.3728, 26.8061



22.2133, 21.3728, 25.7573



20.1198, 21.3728, 17.9635

Complementary

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



18.7105, 21.3728, 26.8061



18.6028, 17.7281, 16.0776

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.



21.1646, 21.3728, 18.3825



18.7105, 21.3728, 26.8061



22.3969, 21.3728, 22.7174

Square

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



18.7105, 21.3728, 26.8061



21.5136, 21.3728, 28.3169



22.0070, 21.3728, 20.0618



19.1602, 21.3728, 18.8638

Rectangle

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



18.7105, 21.3728, 26.8061



20.1567, 21.3728, 29.5444



22.0070, 21.3728, 20.0618



20.4726, 21.3728, 17.9557

Sweetspot

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



18.7111, 21.3737, 26.8066



39.4338, 42.5833, 48.5242



17.7400, 22.0959, 18.2686



8.8008, 9.5199, 10.8800



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.



18.7111, 21.3737, 26.8066



31.8507, 37.0279, 47.8516



16.8035, 17.5585, 26.1707



5.1054, 5.5537, 6.4087



9.9144, 13.0991, 24.0515



0.0744, 0.1040, 0.1626

Inverse Universe

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



19.6359, 17.2930, 24.1336



33.8232, 28.5007, 42.1112



20.3985, 21.3195, 16.6762



5.1998, 5.1154, 6.1406



12.4911, 6.1066, 15.6226



0.0873, 0.0423, 0.1264

Previews

White Background



This preview shows how the XYZ color 18.7105, 21.3728, 26.8061 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 18.7105, 21.3728, 26.8061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

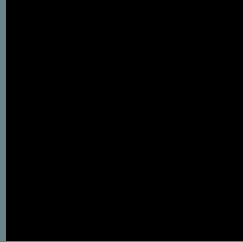
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.7105, 21.3728, 26.8061

Background



This preview shows how black text looks on a background with the XYZ color 18.7105, 21.3728, 26.8061.



This preview shows how white text looks on a background with the XYZ color 18.7105, 21.3728,

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

18.7105, 21.3728, 26.8061

Protanopia

20.6660, 21.2321, 25.5633

Deuteranopia

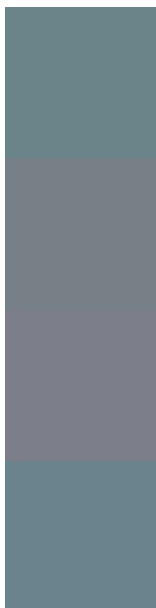
21.6994, 21.3477, 27.4029



Tritanopia

19.0622, 21.3114, 28.7000

Trichromacy



Original Color

18.7105, 21.3728, 26.8061

Protanomaly

19.8381, 21.1807, 25.9644

Deuteranomaly

20.4890, 21.2988, 27.0760

Tritanomaly

18.9133, 21.2518, 27.9161

Monochromacy



Original Color

18.7105, 21.3728, 26.8061

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.1528, 20.8749, 23.7887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7105, 21.3728, 26.8061 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(106, 132, 137)` looks like.

```
.text, #text, p{  
    color:rgb(106, 132, 137)  
}
```

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(106, 132, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 132, 137) }
```

Border

The CSS property to change the border of an element to XYZ 18.7105, 21.3728, 26.8061 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(106, 132, 137) }
```


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

```
.border{ border-color:rgb(106, 132, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 132, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 132, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 132, 137);  
box-shadow:4px 4px 4px 4px rgb(106, 132,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7105, 21.3728, 26.8061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 132, 137) }
```

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

```
.background{ background-color: rgb(106,  
132, 137) }
```

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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