

Converting Colors

XYZ(16.7225, 19.3646, 26.5207)

Have a look what the booklet for
XYZ(16.7225, 19.3646, 26.5207)
contains.

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Color

**XYZ(16.7208, 19.3646,
26.5234)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7F89
RGB	94, 127, 137
RGB Percent	37%, 50%, 54%
CMY	0.6314, 0.5020, 0.4627
CMYK	0.31, 0.07, 0.00, 0.46
HSL	194°, 19%, 45%
HSV	194°, 31%, 54%
XYZ	16.7208, 19.3646, 26.5234
YIQ	118.2730, -22.8780, -3.8860

Conversions

Conversions Part 2

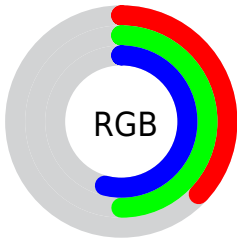
Format	Color
R _Y B	94, 113, 137
Decimal	6193033
CIE Lab	51.11, -9.11, -9.20
CIE LCh	51, 12.946, 225.277
Yxy	19.3646, 0.2671, 0.3093
Android (android.graphics.Color)	4284383113 (0xFF5E7F89)
YUV	118.2730, 9.2324, -21.2874
Hunter-Lab	44.0052, -9.1840, -4.9324

Details

The XYZ color **16.7208, 19.3646, 26.5234** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.2874, 16.0272, 12.7724**, and the grayscale version is **17.2830, 18.1831, 19.8014**.

A 20% lighter version of the original color is **37.4696, 42.4712, 54.9381**, and **5.5269, 6.6948, 10.0178** is the 20% darker color. If you saturate the color by 10%, you get **15.0340, 17.8943, 26.3288**, and if you desaturate by 10%, it is **18.6712, 20.9910, 26.7349**.

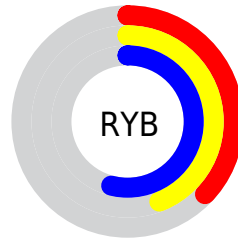
Distribution



Red (37%)

Green (50%)

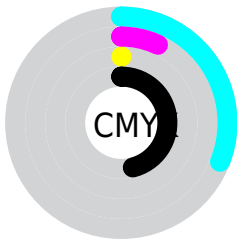
Blue (54%)



Red (37%)

Yellow (44%)

Blue (54%)

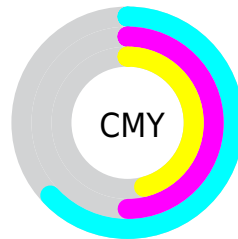


Cyan (31%)

Magenta (7%)

Yellow (0%)

Black (46%)



Cyan (63%)

Magenta (50%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7208, 19.3646, 26.5234 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 16.7208, 19.3646, 26.5234 by changing the saturation by 10% instead.

■ 16.7208, 19.3646,
26.5234

■ 16.7208, 19.3646,
26.5234

226.7460,
248.4542, 299.0289

■ 10.1297, 11.9340,
16.9863

■ 37.3925, 42.3493,
55.1125

■ 5.5480, 6.6988,
10.0629

■ 52.2039, 58.6722,
75.0017

■ 2.6102, 3.2744,
5.3345

■ 70.4860, 78.7280,
99.1786

■ 0.9512, 1.2766,
2.3827

■ 92.6043, 102.9011,
128.0619

■ 0.0000, 0.1230,
0.7770

118.9241,
131.5758, 162.0700

■ 0.0000, 0.0000,
0.0000

149.8107,

165.1367, 201.6215

185.6296,
203.9680, 247.1349

■ 16.7208, 19.3646,
26.5234

■ 16.7208, 19.3646,
26.5234

■ 15.0340, 17.8943,
26.3288

■ 18.6712, 20.9910,
26.7349

■ 13.5956, 16.5708,
26.1492

■ 20.8958, 22.7778,
26.9625

■ 12.3918, 15.3872,
25.9842

■ 23.4066, 24.7318,
27.2073

■ 11.4065, 14.3349,
25.8330

■ 26.2146, 26.8588,
27.4699

■ 10.6214, 13.4045,
25.6948

■ 29.3299, 29.1643,
27.7507

■ 10.0152, 12.5847,
25.5685

■ 32.7624, 31.6534,
28.0502

■ 9.5818, 11.9390,
25.4667

■ 36.5214, 34.3311,
28.3690

■ 40.6158, 37.2023,
28.7073

■ 45.0542, 40.2714,
29.0658

Harmonies

Analogous

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



16.1231, 19.3646, 23.0050



16.7208, 19.3646, 26.5234



17.7846, 19.3646, 28.6968

Triad

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



16.7208, 19.3646, 26.5234



20.9004, 19.3646, 22.9350



17.7620, 19.3646, 14.9681

Complementary

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



16.7208, 19.3646, 26.5234



17.2874, 16.0272, 12.7724

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.



19.0407, 19.3646, 14.9541



16.7208, 19.3646, 26.5234



20.8936, 19.3646, 19.2745

Square

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



16.7208, 19.3646, 26.5234



20.2176, 19.3646, 26.4671



20.1997, 19.3646, 16.4456



16.7050, 19.3646, 16.4866

Rectangle

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



16.7208, 19.3646, 26.5234



18.6337, 19.3646, 28.9460



20.1997, 19.3646, 16.4456



18.1791, 19.3646, 14.7937

Sweetspot

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



16.7214, 19.3654, 26.5238



38.3592, 41.5299, 48.3775



16.0262, 21.2570, 16.1741



8.4798, 9.2174, 10.8385



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.



16.7214, 19.3654, 26.5238



27.6493, 32.6906, 47.2358



14.3047, 14.5321, 25.7183



5.0759, 5.4948, 6.3989



8.9346, 11.1396, 23.7249



0.0704, 0.0961, 0.1613

Inverse Universe

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



18.1505, 14.8565, 21.9906



30.7101, 23.4558, 37.4316



19.6477, 20.7477, 13.5592



5.1849, 5.1094, 6.0624



11.9966, 5.9088, 13.0183



0.0853, 0.0415, 0.1159

Previews

White Background



This preview shows how the XYZ color 16.7208, 19.3646, 26.5234 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 16.7208, 19.3646, 26.5234 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

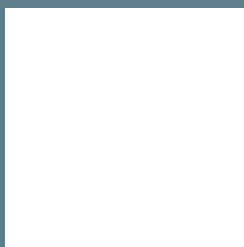
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.7208, 19.3646, 26.5234

Background



This preview shows how black text looks on a background with the XYZ color 16.7208, 19.3646, 26.5234.



This preview shows how white text looks on a background with the XYZ color 16.7208, 19.3646,

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

16.7208, 19.3646, 26.5234

Protanopia

18.8167, 19.3613, 24.9357

Deuteranopia

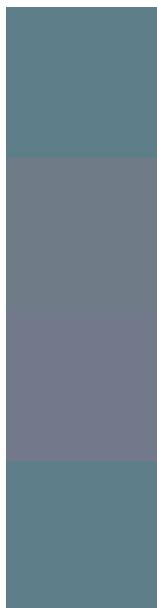
19.5961, 19.1809, 27.0956



Tritanopia

16.7208, 19.3646, 26.5234

Trichromacy



Original Color

16.7208, 19.3646, 26.5234

Protanomaly

17.9416, 19.2667, 25.3275

Deuteranomaly

18.3642, 19.0871, 26.7610

Tritanomaly

16.7208, 19.3646, 26.5234

Monochromacy



Original Color

16.7208, 19.3646, 26.5234

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.8457, 18.4066, 22.0670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7208, 19.3646, 26.5234 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(94, 127, 137) looks like.

```
.text, #text, p{  
    color:rgb(94, 127, 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(94, 127, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 127, 137) }
```

Border

The CSS property to change the border of an element to XYZ 16.7208, 19.3646, 26.5234 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(94, 127, 137) }
```


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

```
.border{ border-color:rgb(94, 127, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 127, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 127, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 127, 137);  
box-shadow:4px 4px 4px 4px rgb(94, 127,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7208, 19.3646, 26.5234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 127, 137) }
```

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

```
.background{ background-color: rgb(94, 127,  
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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