

Converting Colors

XYZ(17.2625, 16.9614, 26.8708)

Have a look what the booklet for
XYZ(17.2625, 16.9614, 26.8708)
contains.

XYZ(17.2644, 16.9631, 26.7904)	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(17.2644, 16.9631,
26.7904)**

Conversions

Conversions Part 1

Format	Color
Hex	71708B
RGB	113, 112, 139
RGB Percent	44%, 44%, 55%
CMY	0.5569, 0.5608, 0.4549
CMYK	0.19, 0.19, 0.00, 0.45
HSL	242°, 11%, 49%
HSV	242°, 19%, 55%
XYZ	17.2644, 16.9631, 26.7904
YIQ	115.3770, -8.0710, 8.6090

Conversions

Conversions Part 2

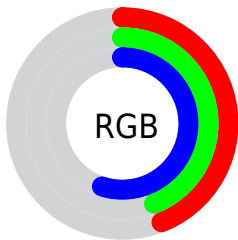
Format	Color
R_{YB}	113, 112, 139
Decimal	7434379
CIE _{Lab}	48.21, 6.38, -14.61
CIE _{LCh}	48, 15.945, 293.600
Yxy	16.9631, 0.2829, 0.2780
Android (android.graphics.Color)	4285624459 (0xFF71708B)
YUV	115.3770, 11.6461, -2.0846
Hunter-Lab	41.1863, 2.7473, -9.7359

Details

The XYZ color **17.2644, 16.9631, 26.7904** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.6391, 25.0388, 18.9697**, and the grayscale version is **16.3780, 17.2310, 18.7645**.

A 20% lighter version of the original color is **38.4181, 38.4005, 55.8393**, and **5.8165, 5.5119, 10.2085** is the 20% darker color. If you saturate the color by 10%, you get **14.2506, 13.3061, 26.2436**, and if you desaturate by 10%, it is **20.7701, 21.2260, 27.4287**.

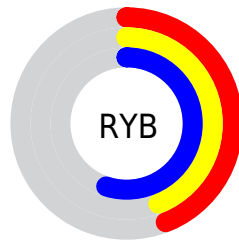
Distribution



Red (44%)

Green (44%)

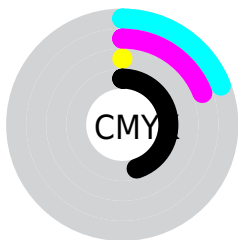
Blue (55%)



Red (44%)

Yellow (44%)

Blue (55%)

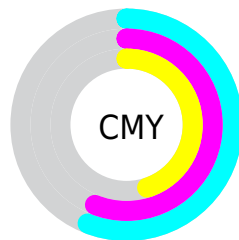


Cyan (19%)

Magenta (19%)

Yellow (0%)

Black (45%)



Cyan (56%)

Magenta (56%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2644, 16.9631, 26.7904 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 17.2644, 16.9631, 26.7904 by changing the saturation by 10% instead.

■ 17.2644, 16.9631,
26.7904

■ 17.2644, 16.9631,
26.7904

229.8181,
234.9596, 300.3688

■ 10.5197, 10.2082,
17.1848

■ 38.3198, 38.2623,
55.5470

■ 5.8097, 5.5372,
10.2030

■ 53.3612, 53.5754,
75.5351

■ 2.7693, 2.5658,
5.4264

■ 71.8988, 72.5100,
99.8211

■ 1.0330, 0.9095,
2.4365

■ 94.2980, 95.4506,
128.8236

■ 0.0000, 0.0000,
0.8062

120.9242,
122.7814, 162.9610

■ 0.0000, 0.0000,
0.0000

152.1427,

154.8869, 202.6520

188.3189,
192.1515, 248.3151

■ 17.2644, 16.9631,
26.7904

■ 17.2644, 16.9631,
26.7904

■ 14.2506, 13.3061,
26.2436

■ 20.7701, 21.2260,
27.4287

■ 11.7053, 10.2256,
25.7832

■ 24.7865, 26.1184,
28.1614

■ 9.6052, 7.6927,
25.4050

■ 29.3337, 31.6651,
28.9923

■ 7.9249, 5.6755,
25.1042

■ 34.4300, 37.8889,
29.9250

■ 6.6361, 4.1384,
24.8754

■ 40.0928, 44.8117,
30.9628

■ 5.7071, 3.0416,
24.7127

■ 46.3388, 52.4542,
32.1088

■ 5.1014, 2.3389,
24.6090

■ 53.1841, 60.8364,
33.3659

■ 4.7430, 1.9197,
24.5470

■ 60.6440, 69.9774,
34.7371

■ 4.7246, 1.8973,
24.5436

■ 68.7335, 79.8957,
36.2252

Harmonies

Analogous

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



15.8143, 16.9631, 27.5897



17.2644, 16.9631, 26.7904



18.4713, 16.9631, 23.6219

Triad

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



17.2644, 16.9631, 26.7904



17.8337, 16.9631, 12.7625



13.5093, 16.9631, 17.5945

Complementary

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



17.2644, 16.9631, 26.7904



22.6391, 25.0388, 18.9697

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.



13.9825, 16.9631, 14.1274



17.2644, 16.9631, 26.7904



16.4355, 16.9631, 11.6203

Square

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



17.2644, 16.9631, 26.7904



18.8135, 16.9631, 15.4557



15.0329, 16.9631, 12.0797



13.7019, 16.9631, 21.8526

Rectangle

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



17.2644, 16.9631, 26.7904



18.9465, 16.9631, 20.8160



15.0329, 16.9631, 12.0797



13.5948, 16.9631, 16.3071

Sweetspot

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



17.2649, 16.9638, 26.7908



39.4606, 40.7697, 49.5325



20.4456, 23.5149, 27.8876



9.0032, 9.2853, 11.3972



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.2649, 16.9638, 26.7908



28.6134, 27.5803, 47.5584



19.1182, 17.9192, 26.8775



4.7907, 4.9005, 6.2992



4.2675, 1.7141, 22.1516



0.0303, 0.0124, 0.1472

Inverse Universe

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



21.0296, 18.9130, 26.5877



36.5480, 31.6889, 47.1087



20.5569, 23.9654, 18.8723



5.2260, 5.1258, 6.2785



13.4860, 6.5045, 20.8614



0.0907, 0.0437, 0.1447

Previews

White Background



This preview shows how the XYZ color 17.2644, 16.9631, 26.7904 looks on a white 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

Black Background



This preview shows how the XYZ color 17.2644, 16.9631, 26.7904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

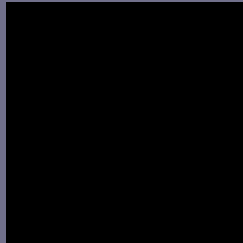
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.2644, 16.9631, 26.7904

Background



This preview shows how black text looks on a background with the XYZ color 17.2644, 16.9631, 26.7904.



This preview shows how white text looks on a background with the XYZ color 17.2644, 16.9631,

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

17.2644, 16.9631, 26.7904

Protanopia

16.8231, 16.8918, 27.1847

Deuteranopia

17.2644, 16.9631, 26.7904



Tritanopia

16.1992, 17.0317, 21.5024

Trichromacy



Original Color

17.2644, 16.9631, 26.7904

Protanomaly

17.0692, 17.0187, 27.1962

Deuteranomaly

17.2644, 16.9631, 26.7904

Tritanomaly

16.5353, 16.9991, 23.1785

Monochromacy



Original Color

17.2644, 16.9631, 26.7904

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.5948, 17.0673, 21.4885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2644, 16.9631, 26.7904 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(113, 112, 139)` looks like.

```
.text, #text, p{  
    color:rgb(113, 112, 139)  
}
```

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(113, 112, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 112, 139) }
```

Border

The CSS property to change the border of an element to XYZ 17.2644, 16.9631, 26.7904 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(113, 112, 139) }
```


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

```
.border{ border-color:rgb(113, 112, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 112, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 112, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 112, 139);  
box-shadow:4px 4px 4px 4px rgb(113, 112,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2644, 16.9631, 26.7904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 112, 139) }
```

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

```
.background{ background-color: rgb(113,  
112, 139) }
```

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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