

Converting Colors

XYZ(17.1725, 19.4412, 25.0312)

Have a look what the booklet for
XYZ(17.1725, 19.4412, 25.0312)
contains.

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Color

**XYZ(17.1740, 19.4399,
25.0374)**

Conversions

Conversions Part 1

Format	Color
Hex	667E85
RGB	102, 126, 133
RGB Percent	40%, 49%, 52%
CMY	0.6000, 0.5059, 0.4784
CMYK	0.23, 0.05, 0.00, 0.48
HSL	194°, 13%, 46%
HSV	194°, 23%, 52%
XYZ	17.1740, 19.4399, 25.0374
YIQ	119.6220, -16.5510, -2.9110

Conversions

Conversions Part 2

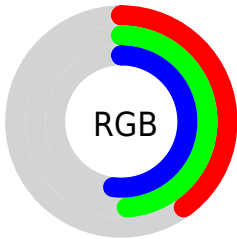
Format	Color
R_{YB}	102, 116, 133
Decimal	6717061
CIE _{Lab}	51.20, -6.98, -6.67
CIE _{LCh}	51, 9.652, 223.721
Yxy	19.4399, 0.2786, 0.3153
Android (android.graphics.Color)	4284907141 (0xFF667E85)
YUV	119.6220, 6.5954, -15.4545
Hunter-Lab	44.0907, -7.6303, -2.8050

Details

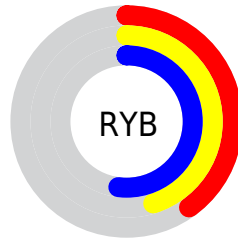
The XYZ color **17.1740, 19.4399, 25.0374** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.5401, 16.8834, 14.9053**, and the grayscale version is **17.7159, 18.6385, 20.2973**.

A 20% lighter version of the original color is **38.3095, 42.6554, 52.6686**, and **5.7754, 6.7321, 9.3825** is the 20% darker color. If you saturate the color by 10%, you get **15.4079, 17.9684, 24.8468**, and if you desaturate by 10%, it is **19.1947, 21.0607, 25.2441**.

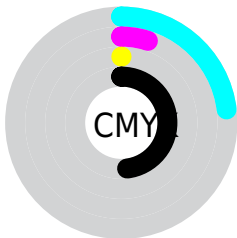
Distribution



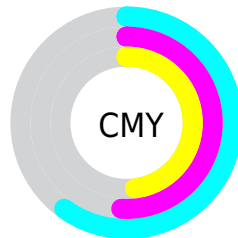
- Red (40%)
- Green (49%)
- Blue (52%)



- Red (40%)
- Yellow (45%)
- Blue (52%)



- Cyan (23%)
- Magenta (5%)
- Yellow (0%)
- Black (48%)



- Cyan (60%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1740, 19.4399, 25.0374 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 17.1740, 19.4399, 25.0374 by changing the saturation by 10% instead.

■ 17.1740, 19.4399,
25.0374

■ 17.1740, 19.4399,
25.0374

229.3098,
248.8666, 291.4778

■ 10.4547, 11.9886,
15.8856

■ 38.1659, 42.4761,
52.6828

■ 5.7660, 6.7359,
9.2898

■ 53.1693, 58.8298,
72.0135

■ 2.7426, 3.2975,
4.8313

■ 71.6646, 78.9197,
95.5742

■ 1.0192, 1.2889,
2.0916

■ 94.0174, 103.1302,
123.7836

■ 0.0000, 0.1326,
0.6108

120.5930,
131.8458, 157.0601

■ 0.0000, 0.0000,
0.0000

151.7567,

165.4508, 195.8222

187.8739,
204.3296, 240.4886

■ 17.1740, 19.4399,
25.0374

■ 17.1740, 19.4399,
25.0374

■ 15.4079, 17.9684,
24.8468

■ 19.1947, 21.0607,
25.2441

■ 13.8830, 16.6378,
24.6703

■ 21.4790, 22.8342,
25.4660

■ 12.5873, 15.4421,
24.5078

■ 24.0377, 24.7665,
25.7041

■ 11.5071, 14.3742,
24.3586

■ 26.8805, 26.8628,
25.9589

■ 10.6272, 13.4261,
24.2220

■ 30.0166, 29.1280,
26.2308

■ 9.9301, 12.5885,
24.0971

■ 33.4546, 31.5667,
26.5203

■ 9.3950, 11.8507,
23.9828

■ 37.2030, 34.1834,
26.8278

■ 9.0813, 11.3887,
23.9102

■ 41.2697, 36.9822,
27.1537

■ 45.6626, 39.9674,
27.4984

Harmonies

Analogous

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



16.7401, 19.4399, 22.4464



17.1740, 19.4399, 25.0374



17.9641, 19.4399, 26.6615

Triad

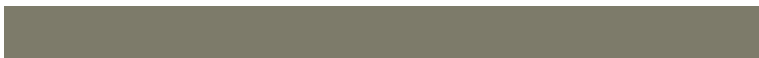
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



17.1740, 19.4399, 25.0374



20.3074, 19.4399, 22.6845



18.0424, 19.4399, 16.4324

Complementary

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



17.1740, 19.4399, 25.0374



17.5401, 16.8834, 14.9053

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.



18.9997, 19.4399, 16.4841



17.1740, 19.4399, 25.0374



20.3301, 19.4399, 19.9367

Square

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



17.1740, 19.4399, 25.0374



19.7833, 19.4399, 25.2247



19.8444, 19.4399, 17.7171



17.2296, 19.4399, 17.5692

Rectangle

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



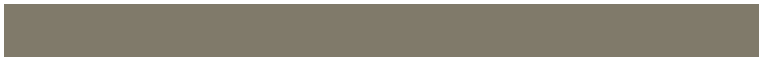
17.1740, 19.4399, 25.0374



18.5972, 19.4399, 26.8965



19.8444, 19.4399, 17.7171



18.3574, 19.4399, 16.3146

Sweetspot

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



17.1746, 19.4407, 25.0378



36.8311, 39.6344, 45.4474



16.6126, 20.6983, 17.5083



8.2555, 8.8966, 10.2348



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.1746, 19.4407, 25.0378



29.0146, 33.3766, 44.6515



15.3744, 15.8404, 24.4378



4.7149, 5.1053, 5.9377



8.6562, 10.8601, 22.7767



0.0354, 0.0484, 0.0807

Inverse Universe

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



18.1906, 15.9962, 21.8683



31.1972, 26.1829, 37.7967



19.3064, 20.4159, 15.4940



4.8141, 4.7453, 5.6334



11.5473, 5.6833, 12.7205



0.0427, 0.0208, 0.0585

Previews

White Background



This preview shows how the XYZ color 17.1740, 19.4399, 25.0374 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 17.1740, 19.4399, 25.0374 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

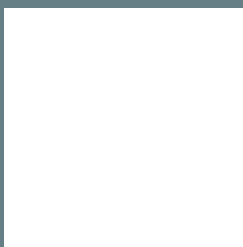
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1740, 19.4399, 25.0374

Background



This preview shows how black text looks on a background with the XYZ color 17.1740, 19.4399, 25.0374.



This preview shows how white text looks on a background with the XYZ color 17.1740, 19.4399,

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

17.1740, 19.4399, 25.0374

Protanopia

18.7518, 19.3514, 23.8660

Deuteranopia

19.7537, 19.2953, 25.6049



Tritanopia

17.4983, 19.5828, 26.1502

Trichromacy



Original Color

17.1740, 19.4399, 25.0374

Protanomaly

18.1191, 19.3820, 24.2589

Deuteranomaly

18.7482, 19.3179, 25.2949

Tritanomaly

17.4275, 19.5545, 25.7775

Monochromacy



Original Color

17.1740, 19.4399, 25.0374

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.4713, 18.9104, 22.1313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1740, 19.4399, 25.0374 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, 126, 133)` looks like.

```
.text, #text, p{  
    color:rgb(102, 126, 133)  
}
```

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, 126, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 126, 133) }
```

Border

The CSS property to change the border of an element to XYZ 17.1740, 19.4399, 25.0374 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, 126, 133) }
```


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

```
.border{ border-color:rgb(102, 126, 133) }
```

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

Here you see how a box with a 4 pixel rgb(102, 126, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 126, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 126, 133);  
box-shadow:4px 4px 4px 4px rgb(102, 126,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1740, 19.4399, 25.0374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 126, 133) }
```

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

```
.background{ background-color: rgb(102,  
126, 133) }
```

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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