

Converting Colors

XYZ(16.1843, 17.1734, 26.9766)

Have a look what the booklet for
XYZ(16.1843, 17.1734, 26.9766)
contains.

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Color

**XYZ(16.1671, 17.2393,
26.9015)**

Conversions

Conversions Part 1

Format	Color
Hex	63758B
RGB	99, 117, 139
RGB Percent	39%, 46%, 55%
CMY	0.6118, 0.5412, 0.4549
CMYK	0.29, 0.16, 0.00, 0.45
HSL	213°, 17%, 47%
HSV	213°, 29%, 55%
XYZ	16.1671, 17.2393, 26.9015
YIQ	114.1260, -17.7900, 3.0260

Conversions

Conversions Part 2

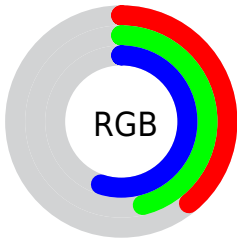
Format	Color
R_{YB}	99, 111, 139
Decimal	6518155
CIE _{Lab}	48.56, -1.24, -14.19
CIE _{LCh}	49, 14.241, 264.999
Yxy	17.2393, 0.2681, 0.2859
Android (android.graphics.Color)	4284708235 (0xFF63758B)
YUV	114.1260, 12.2629, -13.2655
Hunter-Lab	41.5202, -3.1563, -9.3506

Details

The XYZ color **16.1671, 17.2393, 26.9015** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.7373, 20.0648, 14.6376**, and the grayscale version is **16.0006, 16.8339, 18.3321**.

A 20% lighter version of the original color is **36.5761, 38.8055, 56.0145**, and **5.2965, 5.6813, 10.2686** is the 20% darker color. If you saturate the color by 10%, you get **13.9227, 14.8139, 26.5519**, and if you desaturate by 10%, it is **18.7468, 19.9464, 27.2883**.

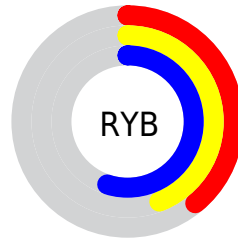
Distribution



Red (39%)

Green (46%)

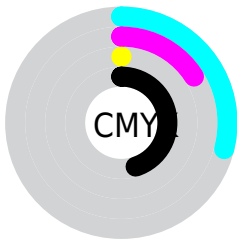
Blue (55%)



Red (39%)

Yellow (44%)

Blue (55%)

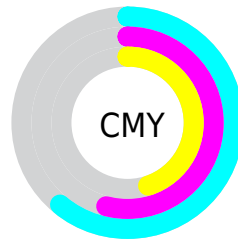


Cyan (29%)

Magenta (16%)

Yellow (0%)

Black (45%)



Cyan (61%)

Magenta (54%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1671, 17.2393, 26.9015 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 16.1671, 17.2393, 26.9015 by changing the saturation by 10% instead.

■ 16.1671, 17.2393,
26.9015

■ 16.1671, 17.2393,
26.9015

223.5768,
236.5476, 300.9250

■ 9.7341, 10.4053,
17.2675

■ 36.4432, 38.7368,
55.7276

■ 5.2839, 5.6685,
10.2614

■ 51.0169, 54.1690,
75.7567

■ 2.4512, 2.6446,
5.4648

■ 69.0349, 73.2360,
100.0880

■ 0.8707, 0.9491,
2.4590

■ 90.8626, 96.3223,
129.1399

■ 0.0000, 0.0000,
0.8183

116.8653,
123.8122, 163.3310

■ 0.0000, 0.0000,
0.0000

147.4083,

156.0901, 203.0799

182.8570,
193.5405, 248.8050

■ 16.1671, 17.2393,
26.9015

■ 16.1671, 17.2393,
26.9015

■ 13.9227, 14.8139,
26.5519

■ 18.7468, 19.9464,
27.2883

■ 11.9968, 12.6577,
26.2373

■ 21.6741, 22.9428,
27.7124

■ 10.3736, 10.7604,
25.9566

■ 24.9630, 26.2384,
28.1752

■ 9.0351, 9.1098,
25.7085

■ 28.6260, 29.8421,
28.6777

■ 7.9613, 7.6927,
25.4916

■ 32.6749, 33.7622,
29.2210

■ 7.1289, 6.4943,
25.3042

■ 37.1212, 38.0069,
29.8059

■ 6.4863, 5.4845,
25.1431

■ 41.9756, 42.5837,
30.4335

■ 6.4131, 5.3698,
25.1248

■ 47.2487, 47.5002,
31.1046

■ 52.9505, 52.7637,
31.8200

Harmonies

Analogous

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



14.9844, 17.2393, 25.3124



16.1671, 17.2393, 26.9015



17.4717, 17.2393, 26.0868

Triad

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



16.1671, 17.2393, 26.9015



18.7728, 17.2393, 15.8877



14.4099, 17.2393, 14.9340

Complementary

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



16.1671, 17.2393, 26.9015



19.7373, 20.0648, 14.6376

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.



15.3452, 17.2393, 12.9689



16.1671, 17.2393, 26.9015



17.8712, 17.2393, 13.4660

Square

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



16.1671, 17.2393, 26.9015



19.0214, 17.2393, 19.4058



16.6057, 17.2393, 12.4694



14.0050, 17.2393, 18.1495

Rectangle

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



16.1671, 17.2393, 26.9015



18.2294, 17.2393, 24.3400



16.6057, 17.2393, 12.4694



14.6702, 17.2393, 14.1231

Sweetspot

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



16.1676, 17.2400, 26.9019



38.5812, 40.8501, 49.5944



17.7891, 22.4824, 21.2780



8.7243, 9.2447, 11.4040



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.



16.1676, 17.2400, 26.9019



26.0834, 27.7868, 47.7316



14.4150, 13.5167, 26.2756



4.9479, 5.2387, 6.3562



5.8048, 4.8799, 22.6817



0.0529, 0.0610, 0.1554

Inverse Universe

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



18.3206, 15.6975, 18.8947



30.7127, 24.7935, 30.4423



21.9112, 24.7413, 15.4256



5.1203, 5.0836, 5.7220



10.4168, 5.2768, 4.6992



0.0764, 0.0379, 0.0692

Previews

White Background



This preview shows how the XYZ color 16.1671, 17.2393, 26.9015 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 16.1671, 17.2393, 26.9015 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

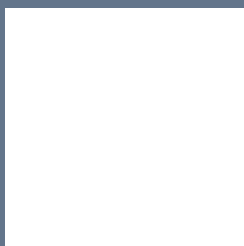
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.1671, 17.2393, 26.9015

Background



This preview shows how black text looks on a background with the XYZ color 16.1671, 17.2393, 26.9015.



This preview shows how white text looks on a background with the XYZ color 16.1671, 17.2393,

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

16.1671, 17.2393, 26.9015

Protanopia

16.9631, 17.1558, 26.0843

Deuteranopia

17.5782, 17.2811, 27.2201



Tritanopia

15.4229, 17.2936, 22.9472

Trichromacy



Original Color

16.1671, 17.2393, 26.9015

Protanomaly

16.6620, 17.1606, 26.4789

Deuteranomaly

17.0576, 17.1793, 27.2278

Tritanomaly

15.6803, 17.2195, 24.3270

Monochromacy



Original Color

16.1671, 17.2393, 26.9015

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.0126, 16.9427, 21.1652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1671, 17.2393, 26.9015 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(99, 117, 139)` looks like.

```
.text, #text, p{  
    color:rgb(99, 117, 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(99, 117, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 117, 139) }
```

Border

The CSS property to change the border of an element to XYZ 16.1671, 17.2393, 26.9015 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(99, 117, 139) }
```


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

```
.border{ border-color:rgb(99, 117, 139) }
```

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

Here you see how a box with a 4 pixel rgb(99, 117, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 117, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 117, 139);  
box-shadow:4px 4px 4px 4px rgb(99, 117,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1671, 17.2393, 26.9015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 117, 139) }
```

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

```
.background{ background-color: rgb(99, 117,  
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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