

Converting Colors

XYZ(17.9943, 18.5393, 26.6748)

Have a look what the booklet for
XYZ(17.9943, 18.5393, 26.6748)
contains.

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Color

**XYZ(17.9943, 18.5393,
26.6748)**

Conversions

Conversions Part 1

Format	Color
Hex	71778A
RGB	113, 119, 138
RGB Percent	44%, 47%, 54%
CMY	0.5569, 0.5333, 0.4588
CMYK	0.18, 0.14, 0.00, 0.46
HSL	226°, 10%, 49%
HSV	226°, 18%, 54%
XYZ	17.9943, 18.5393, 26.6748
YIQ	119.3720, -9.6750, 4.6370

Conversions

Conversions Part 2

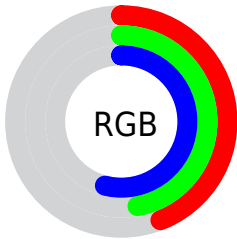
Format	Color
R_{YB}	113, 118, 138
Decimal	7436170
CIE _{Lab}	50.14, 2.00, -11.10
CIE _{LCh}	50, 11.282, 280.206
Yxy	18.5393, 0.2847, 0.2933
Android (android.graphics.Color)	4285626250 (0xFF71778A)
YUV	119.3720, 9.1836, -5.5882
Hunter-Lab	43.0573, -0.7524, -6.5912

Details

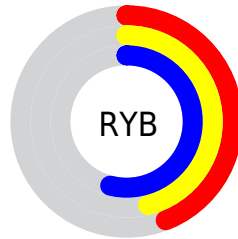
The XYZ color **17.9943, 18.5393, 26.6748** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.7133, 23.0981, 18.9372**, and the grayscale version is **17.6269, 18.5448, 20.1953**.

A 20% lighter version of the original color is **39.4839, 40.8867, 55.1011**, and **6.1947, 6.3349, 10.1288** is the 20% darker color. If you saturate the color by 10%, you get **15.1722, 15.3331, 26.2050**, and if you desaturate by 10%, it is **21.2253, 22.1617, 27.2040**.

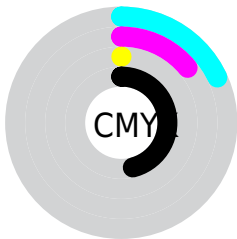
Distribution



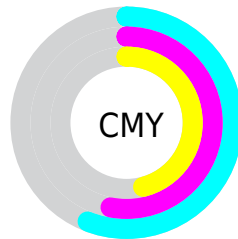
- Red (44%)
- Green (47%)
- Blue (54%)



- Red (44%)
- Yellow (46%)
- Blue (54%)



- Cyan (18%)
- Magenta (14%)
- Yellow (0%)
- Black (46%)



- Cyan (56%)
- Magenta (53%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9943, 18.5393, 26.6748 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 17.9943, 18.5393, 26.6748 by changing the saturation by 10% instead.

■ 17.9943, 18.5393,
26.6748

■ 17.9943, 18.5393,
26.6748

233.8851,
243.8935, 299.7893

■ 11.0456, 11.3379,
17.0989

■ 39.5578, 40.9542,
55.3590

■ 6.1650, 6.2946,
10.1423

■ 54.9032, 56.9364,
75.3043

■ 2.9873, 3.0250,
5.3866

■ 73.7783, 76.6143,
99.5431

■ 1.1470, 1.1448,
2.4131

■ 96.5483, 100.3723,
128.4940

■ 0.0639, 0.0159,
0.7936

123.5786,
128.5949, 162.5756

■ 0.0000, 0.0000,
0.0000

155.2346,

161.6663, 202.2063

191.8817,
199.9711, 247.8047

■ 17.9943, 18.5393,
26.6748

■ 17.9943, 18.5393,
26.6748

■ 15.1722, 15.3331,
26.2050

■ 21.2253, 22.1617,
27.2040

■ 12.7406, 12.5257,
25.7913

■ 24.8791, 26.2124,
27.7933

■ 10.6825, 10.1017,
25.4318

■ 28.9711, 30.7058,
28.4449

■ 8.9785, 8.0438,
25.1244

■ 33.5154, 35.6549,
29.1607

■ 7.6077, 6.3334,
24.8666

■ 38.5254, 41.0724,
29.9423

■ 6.5468, 4.9500,
24.6555

■ 44.0139, 46.9701,
30.7914

■ 5.7692, 3.8709,
24.4881

■ 49.9933, 53.3596,
31.7096

■ 5.2241, 3.0600,
24.3603

■ 56.4756, 60.2522,
32.6983

■ 5.1349, 2.9298,
24.3399

■ 63.4722, 67.6586,
33.7591

Harmonies

Analogous

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



16.9221, 18.5393, 26.3639



17.9943, 18.5393, 26.6748



19.0062, 18.5393, 25.1159

Triad

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



17.9943, 18.5393, 26.6748



19.2674, 18.5393, 16.5606



15.7252, 18.5393, 18.2246

Complementary

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



17.9943, 18.5393, 26.6748



21.7133, 23.0981, 18.9372

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.



16.3049, 18.5393, 15.9478



17.9943, 18.5393, 26.6748



18.3389, 18.5393, 15.0577

Square

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



17.9943, 18.5393, 26.6748



19.7610, 18.5393, 19.1431



17.2530, 18.5393, 14.8456



15.6415, 18.5393, 21.2664

Rectangle

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



17.9943, 18.5393, 26.6748



19.4994, 18.5393, 23.3116



17.2530, 18.5393, 14.8456



15.8674, 18.5393, 17.3534

Sweetspot

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



17.9949, 18.5401, 26.6752



39.2708, 41.1308, 48.2524



20.0467, 23.3471, 25.1904



8.7232, 9.1309, 10.8090



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.



17.9949, 18.5401, 26.6752



29.4653, 30.1297, 46.6458



18.1351, 17.5853, 26.4835



4.8659, 5.0746, 6.3289



4.7180, 2.7063, 22.3194



0.0412, 0.0378, 0.1516

Inverse Universe

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



19.7166, 18.5459, 19.9941



33.1384, 30.2151, 32.3758



21.5461, 24.2550, 19.1693



5.0789, 5.0670, 5.5040



9.8682, 5.0574, 1.8105



0.0705, 0.0356, 0.0383

Previews

White Background



This preview shows how the XYZ color 17.9943, 18.5393, 26.6748 looks on a white background.

Color Contrast Check

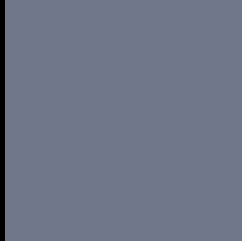
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9943, 18.5393, 26.6748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

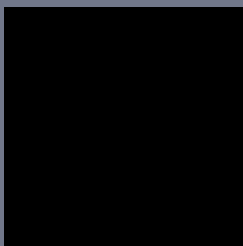
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

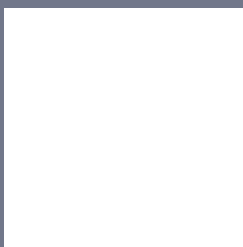
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9943, 18.5393, 26.6748

Background



This preview shows how black text looks on a background with the XYZ color 17.9943, 18.5393, 26.6748.



This preview shows how white text looks on a background with the XYZ color 17.9943, 18.5393,

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

17.9943, 18.5393, 26.6748

Protanopia

18.1962, 18.4760, 26.2741

Deuteranopia

18.7907, 18.4198, 26.9911



Tritanopia

17.4278, 18.4894, 23.7694

Trichromacy



Original Color

17.9943, 18.5393, 26.6748

Protanomaly

18.0640, 18.4078, 26.2679

Deuteranomaly

18.4927, 18.4382, 27.0104

Tritanomaly

17.6322, 18.5711, 24.8456

Monochromacy



Original Color

17.9943, 18.5393, 26.6748

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.6988, 18.4819, 22.3732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9943, 18.5393, 26.6748 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, 119, 138)` looks like.

```
.text, #text, p{  
    color:rgb(113, 119, 138)  
}
```

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, 119, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 119, 138) }
```

Border

The CSS property to change the border of an element to XYZ 17.9943, 18.5393, 26.6748 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, 119, 138) }
```


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

```
.border{ border-color:rgb(113, 119, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 119, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 119, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 119, 138);  
box-shadow:4px 4px 4px 4px rgb(113, 119,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9943, 18.5393, 26.6748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 119, 138) }
```

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

```
.background{ background-color: rgb(113,  
119, 138) }
```

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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