

Converting Colors

XYZ(18.2519, 19.6945, 21.5769)

Have a look what the booklet for
XYZ(18.2519, 19.6945, 21.5769)
contains.

XYZ(18.2540, 19.6969, 21.5787)	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(18.2540, 19.6969,
21.5787)**

Conversions

Conversions Part 1

Format	Color
Hex	767C7B
RGB	118, 124, 123
RGB Percent	46%, 49%, 48%
CMY	0.5373, 0.5137, 0.5176
CMYK	0.05, 0.00, 0.01, 0.51
HSL	170°, 2%, 47%
HSV	170°, 5%, 49%
XYZ	18.2540, 19.6969, 21.5787
YIQ	122.0920, -3.2550, -1.5830

Conversions

Conversions Part 2

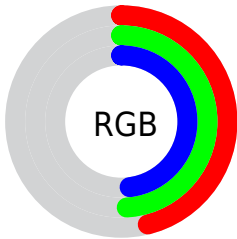
Format	Color
R_{YB}	118, 121, 124
Decimal	7765115
CIE _{Lab}	51.49, -2.44, -0.24
CIE _{LCh}	51, 2.453, 185.580
Yxy	19.6969, 0.3066, 0.3309
Android (android.graphics.Color)	4285955195 (0xFF767C7B)
YUV	122.0920, 0.4476, -3.5887
Hunter-Lab	44.3812, -4.2500, 2.2393

Details

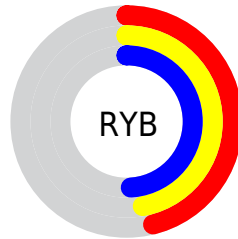
The XYZ color **18.2540, 19.6969, 21.5787** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.1211, 18.5743, 20.0838**, and the grayscale version is **18.5285, 19.4934, 21.2283**.

A 20% lighter version of the original color is **39.8408, 42.6919, 46.6980**, and **6.2779, 6.8287, 7.4657** is the 20% darker color. If you saturate the color by 10%, you get **16.5515, 18.8346, 20.8300**, and if you desaturate by 10%, it is **20.1818, 20.6761, 22.3530**.

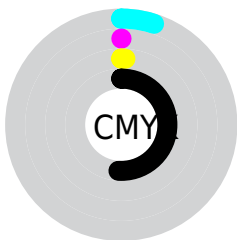
Distribution



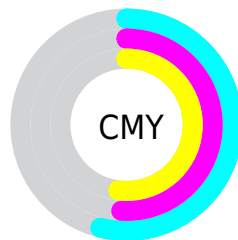
- Red (46%)
- Green (49%)
- Blue (48%)



- Red (46%)
- Yellow (47%)
- Blue (49%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (51%)



- Cyan (54%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2540, 19.6969, 21.5787 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 18.2540, 19.6969, 21.5787 by changing the saturation by 10% instead.

■ 18.2540, 19.6969,
21.5787

■ 18.2540, 19.6969,
21.5787

235.3168,
250.2695, 273.2195

■ 11.2333, 12.1749,
13.3523

■ 39.9964, 42.9084,
46.9419

■ 6.2924, 6.8629,
7.5380

■ 55.4487, 59.3668,
64.9158

■ 3.0660, 3.3765,
3.7173

■ 74.4423, 79.5727,
86.9760

■ 1.1888, 1.3313,
1.4716

97.3426, 103.9105,
113.5409

■ 0.0975, 0.1653,
0.1966

124.5148,
132.7647, 145.0292

■ 0.0000, 0.0000,
0.0000

156.3243,

166.5197, 181.8594

193.1366,
205.5598, 224.4500

■ 18.2540, 19.6969,
21.5787

■ 18.2540, 19.6969,
21.5787

■ 16.5515, 18.8346,
20.8300

■ 20.1818, 20.6761,
22.3530

■ 15.0639, 18.0822,
20.1052

■ 22.3413, 21.7740,
23.1522

■ 13.7828, 17.4360,
19.4042

■ 24.7408, 22.9952,
23.9771

■ 12.6983, 16.8908,
18.7265

■ 27.3877, 24.3436,
24.8281

■ 11.7999, 16.4412,
18.0714

■ 30.2889, 25.8228,
25.7057

■ 11.0758, 16.0812,
17.4383

■ 33.4513, 27.4363,
26.6103

■ 10.5131, 15.8041,
16.8266

■ 36.8812, 29.1875,
27.5421

■ 10.0971, 15.6023,
16.2354

■ 40.5851, 31.0795,
28.5017

■ 9.8056, 15.4643,
15.6636

■ 44.5689, 33.1155,
29.4894

Harmonies

Analogous

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



18.2935, 19.6969, 20.8908



18.2540, 19.6969, 21.5787



18.3388, 19.6969, 22.2453

Triad

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



18.2540, 19.6969, 21.5787



18.9982, 19.6969, 22.5685



18.9178, 19.6969, 20.2354

Complementary

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



18.2540, 19.6969, 21.5787



18.1211, 18.5743, 20.0838

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.



19.1091, 19.6969, 20.6672



18.2540, 19.6969, 21.5787



19.1558, 19.6969, 22.0121

Square

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



18.2540, 19.6969, 21.5787



18.7674, 19.6969, 22.8247



19.1965, 19.6969, 21.3150



18.6753, 19.6969, 20.1250

Rectangle

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



18.2540, 19.6969, 21.5787



18.4549, 19.6969, 22.5848



19.1965, 19.6969, 21.3150



18.9902, 19.6969, 20.3473

Sweetspot

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



18.2546, 19.6977, 21.5791



33.3691, 35.2944, 38.4869



18.0997, 19.6532, 19.9793



7.8647, 8.3153, 9.0666



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



18.2546, 19.6977, 21.5791



31.7099, 34.4526, 37.7982



18.0817, 19.2511, 21.8326



4.1905, 4.5577, 5.0013



9.8306, 15.6559, 15.6247



46.6229, 74.5722, 73.1095

Inverse Universe

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



18.1211, 18.5743, 20.0838



31.4143, 31.9649, 34.4869



18.2873, 19.0026, 19.8438



4.1501, 4.2182, 4.5494



8.5842, 4.4098, 1.1014



40.7286, 20.9478, 4.1007

Previews

White Background



This preview shows how the XYZ color 18.2540, 19.6969, 21.5787 looks on a white background.

Color Contrast Check

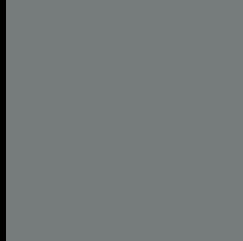
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.2540, 19.6969, 21.5787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

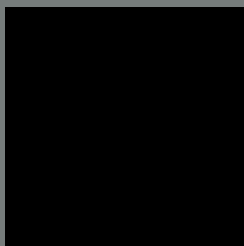
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

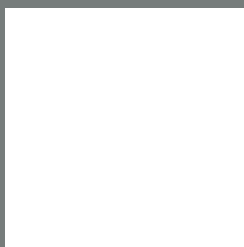
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.2540, 19.6969, 21.5787

Background



This preview shows how black text looks on a background with the XYZ color 18.2540, 19.6969, 21.5787.



This preview shows how white text looks on a background with the XYZ color 18.2540, 19.6969,

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

18.2540, 19.6969, 21.5787

Protanopia

18.9298, 19.6842, 21.2141

Deuteranopia

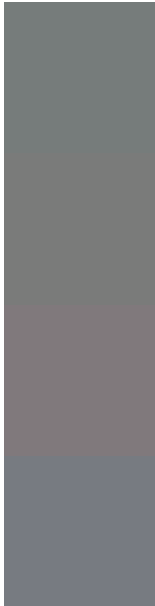
20.0664, 19.7172, 21.8170



Tritanopia

18.9935, 19.8249, 24.6553

Trichromacy



Original Color

18.2540, 19.6969, 21.5787

Protanomaly

18.6219, 19.7086, 21.2350

Deuteranomaly

19.3775, 19.7192, 21.8537

Tritanomaly

18.6532, 19.6728, 23.5830

Monochromacy



Original Color

18.2540, 19.6969, 21.5787

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.4810, 19.6360, 21.2284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2540, 19.6969, 21.5787 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(118, 124, 123)` looks like.

```
.text, #text, p{  
    color:rgb(118, 124, 123)  
}
```

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(118, 124, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 124, 123) }
```

Border

The CSS property to change the border of an element to XYZ 18.2540, 19.6969, 21.5787 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(118, 124, 123) }
```


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

```
.border{ border-color:rgb(118, 124, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 124, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 124, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 124, 123);  
box-shadow:4px 4px 4px 4px rgb(118, 124,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2540, 19.6969, 21.5787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 124, 123) }
```

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

```
.background{ background-color: rgb(118,  
124, 123) }
```

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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