

Converting Colors

XYZ(18.4784, 21.6259, 28.3996)

Have a look what the booklet for
XYZ(18.4784, 21.6259, 28.3996)
contains.

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Color

**XYZ(18.4784, 21.6259,
28.3996)**

Conversions

Conversions Part 1

Format	Color
Hex	63868D
RGB	99, 134, 141
RGB Percent	39%, 53%, 55%
CMY	0.6118, 0.4745, 0.4471
CMYK	0.30, 0.05, 0.00, 0.45
HSL	190°, 17%, 47%
HSV	190°, 30%, 55%
XYZ	18.4784, 21.6259, 28.3996
YIQ	124.3330, -23.1070, -5.2430

Conversions

Conversions Part 2

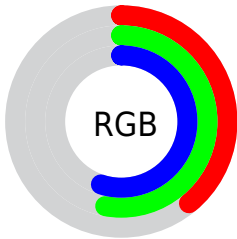
Format	Color
R_{YB}	99, 118, 141
Decimal	6522509
CIE _{Lab}	53.63, -10.47, -7.74
CIE _{LCh}	54, 13.016, 216.474
Yxy	21.6259, 0.2697, 0.3157
Android (android.graphics.Color)	4284712589 (0xFF63868D)
YUV	124.3330, 8.2168, -22.2170
Hunter-Lab	46.5037, -10.4538, -3.6556

Details

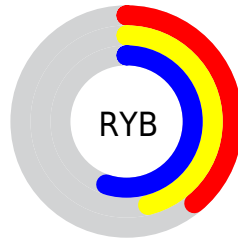
The XYZ color **18.4784, 21.6259, 28.3996** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.3910, 16.8719, 14.0922**, and the grayscale version is **19.2487, 20.2512, 22.0535**.

A 20% lighter version of the original color is **40.3831, 46.0601, 58.3918**, and **6.3740, 7.7741, 11.0621** is the 20% darker color. If you saturate the color by 10%, you get **16.7495, 20.2584, 28.2271**, and if you desaturate by 10%, it is **20.4848, 23.1483, 28.5881**.

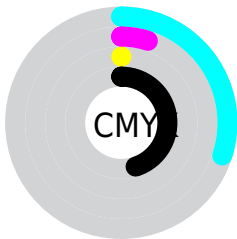
Distribution



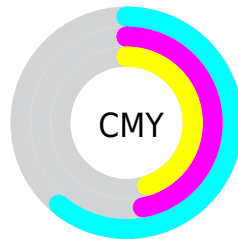
- Red (39%)
- Green (53%)
- Blue (55%)



- Red (39%)
- Yellow (46%)
- Blue (55%)



- Cyan (30%)
- Magenta (5%)
- Yellow (0%)
- Black (45%)



- Cyan (61%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4784, 21.6259, 28.3996 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 18.4784, 21.6259, 28.3996 by changing the saturation by 10% instead.

■ 18.4784, 21.6259,
28.3996

■ 18.4784, 21.6259,
28.3996

236.5477,
260.5864, 308.3433

■ 11.3958, 13.5823,
18.3854

■ 40.3746, 46.1269,
58.1526

■ 6.4029, 7.8307,
11.0548

■ 55.9188, 63.3531,
78.7284

■ 3.1346, 3.9868,
5.9891

■ 75.0143, 84.4089,
103.6619

■ 1.2253, 1.6662,
2.7697

■ 98.0263, 109.6787,
133.3717

■ 0.1262, 0.4016,
0.9783

125.3204,
139.5470, 168.2761

■ 0.0000, 0.0000,
0.0000

157.2617,

174.3981, 208.7938

194.2157,
214.6164, 255.3434

■ 18.4784, 21.6259,
28.3996

■ 18.4784, 21.6259,
28.3996

■ 16.7495, 20.2584,
28.2271

■ 20.4848, 23.1483,
28.5881

■ 15.2821, 19.0358,
28.0685

■ 22.7798, 24.8296,
28.7916

■ 14.0616, 17.9511,
27.9234

■ 25.3762, 26.6772,
29.0114

■ 13.0710, 16.9954,
27.7912

■ 28.2855, 28.6970,
29.2479

■ 12.2914, 16.1588,
27.6708

■ 31.5184, 30.8947,
29.5017

■ 11.7003, 15.4299,
27.5613

■ 35.0854, 33.2756,
29.7733

■ 11.2378, 14.7775,
27.4597

■ 38.9964, 35.8449,
30.0631

■ 11.2281, 14.7638,
27.4576

■ 43.2607, 38.6076,
30.3716

■ 47.8874, 41.5683,
30.6992

Harmonies

Analogous

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



18.0104, 21.6259, 24.4210



18.4784, 21.6259, 28.3996



19.5056, 21.6259, 31.2905

Triad

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



18.4784, 21.6259, 28.3996



23.1056, 21.6259, 26.7384



20.2547, 21.6259, 16.7272

Complementary

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



18.4784, 21.6259, 28.3996



18.3910, 16.8719, 14.0922

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.



21.6409, 21.6259, 17.1995



18.4784, 21.6259, 28.3996



23.3282, 21.6259, 22.6939

Square

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



18.4784, 21.6259, 28.3996



22.1859, 21.6259, 30.2584



22.7811, 21.6259, 19.2811



19.0057, 21.6259, 17.9094

Rectangle

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



18.4784, 21.6259, 28.3996



20.3907, 21.6259, 32.0486



22.7811, 21.6259, 19.2811



20.7197, 21.6259, 16.6998

Sweetspot

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



18.4790, 21.6268, 28.4001



41.0549, 44.6531, 51.5830



17.2362, 22.7289, 16.9248



9.0429, 9.8819, 11.5102



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.



18.4790, 21.6268, 28.4001



30.8782, 36.9895, 50.6401



15.9373, 16.5433, 27.5529



5.4848, 5.9655, 6.8911



10.2476, 13.4812, 25.0391



0.1111, 0.1552, 0.2438

Inverse Universe

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



19.7499, 16.3082, 24.6620



33.5945, 25.9825, 42.5700



20.7363, 21.5626, 14.8740



5.5882, 5.4958, 6.5955



12.9756, 6.3473, 16.0549



0.1307, 0.0633, 0.1884

Previews

White Background



This preview shows how the XYZ color 18.4784, 21.6259, 28.3996 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 18.4784, 21.6259, 28.3996 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 18.4784, 21.6259, 28.3996

Background



This preview shows how black text looks on a background with the XYZ color 18.4784, 21.6259, 28.3996.



This preview shows how white text looks on a background with the XYZ color 18.4784, 21.6259,

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

18.4784, 21.6259, 28.3996

Protanopia

20.8571, 21.4969, 26.7169

Deuteranopia

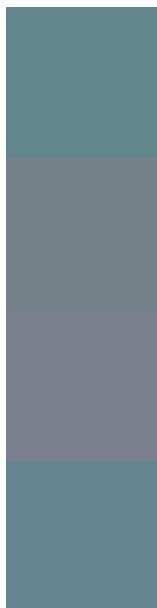
21.8384, 21.3850, 28.9633



Tritanopia

18.6771, 21.4980, 29.5507

Trichromacy



Original Color

18.4784, 21.6259, 28.3996

Protanomaly

19.9062, 21.5821, 27.1614

Deuteranomaly

20.4868, 21.4563, 28.6529

Tritanomaly

18.6010, 21.4676, 29.1499

Monochromacy



Original Color

18.4784, 21.6259, 28.3996

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.8187, 20.6949, 24.1218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4784, 21.6259, 28.3996 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, 134, 141)` looks like.

```
.text, #text, p{  
    color:rgb(99, 134, 141)  
}
```

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, 134, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 134, 141) }
```

Border

The CSS property to change the border of an element to XYZ 18.4784, 21.6259, 28.3996 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, 134, 141) }
```


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

```
.border{ border-color:rgb(99, 134, 141) }
```

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

Here you see how a box with a 4 pixel rgb(99, 134, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 134, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 134, 141);  
box-shadow:4px 4px 4px 4px rgb(99, 134,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4784, 21.6259, 28.3996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 134, 141) }
```

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

```
.background{ background-color: rgb(99, 134,  
141) }
```

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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