

Converting Colors

XYZ(18.4046, 21.8448, 26.1684)

Have a look what the booklet for
XYZ(18.4046, 21.8448, 26.1684)
contains.

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Color

**XYZ(18.4040, 21.8439,
26.1680)**

Conversions

Conversions Part 1

Format	Color
Hex	658787
RGB	101, 135, 135
RGB Percent	40%, 53%, 53%
CMY	0.6039, 0.4706, 0.4706
CMYK	0.25, 0.00, 0.00, 0.47
HSL	180°, 14%, 46%
HSV	180°, 25%, 53%
XYZ	18.4040, 21.8439, 26.1680
YIQ	124.8340, -20.2640, -7.2080

Conversions

Conversions Part 2

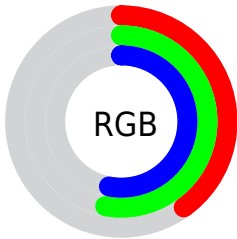
Format	Color
R_{YB}	101, 118, 135
Decimal	6653831
CIE _{Lab}	53.86, -11.86, -3.90
CIE _{LCh}	54, 12.484, 198.186
Yxy	21.8439, 0.2771, 0.3289
Android (android.graphics.Color)	4284843911 (0xFF658787)
YUV	124.8340, 5.0118, -20.9024
Hunter-Lab	46.7375, -11.5019, -0.4799

Details

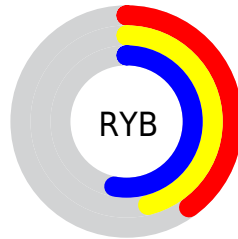
The XYZ color **18.4040, 21.8439, 26.1680** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.9951, 15.3985, 14.3893**, and the grayscale version is **19.4263, 20.4379, 22.2569**.

A 20% lighter version of the original color is **40.1972, 46.3696, 54.4086**, and **6.3564, 7.9098, 9.7860** is the 20% darker color. If you saturate the color by 10%, you get **17.0150, 21.1284, 26.1032**, and if you desaturate by 10%, it is **20.0426, 22.6892, 26.2454**.

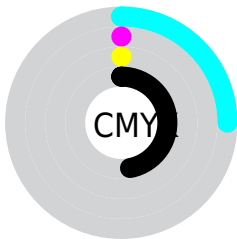
Distribution



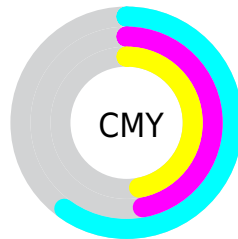
- Red (40%)
- Green (53%)
- Blue (53%)



- Red (40%)
- Yellow (46%)
- Blue (53%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (47%)



- Cyan (60%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4040, 21.8439, 26.1680 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 18.4040, 21.8439, 26.1680 by changing the saturation by 10% instead.

■ 18.4040, 21.8439,
26.1680

■ 18.4040, 21.8439,
26.1680

236.1402,
261.7300, 297.2375

■ 11.3419, 13.7422,
16.7225

■ 40.2492, 46.4879,
54.5333

■ 6.3663, 7.9416,
9.8770

■ 55.7631, 63.7990,
74.2901

■ 3.1118, 4.0576,
5.2129

■ 74.8248, 84.9487,
98.3210

■ 1.2132, 1.7058,
2.3118

■ 97.7999, 110.3214,
127.0447

■ 0.1167, 0.4274,
0.7378

125.0536,
140.3014, 160.8797

■ 0.0000, 0.0000,
0.0000

156.9513,

175.2733, 200.2444

193.8584,
215.6214, 245.5575

■ 18.4040, 21.8439,
26.1680

■ 18.4040, 21.8439,
26.1680

■ 17.0150, 21.1284,
26.1032

■ 20.0426, 22.6892,
26.2454

■ 15.8617, 20.5338,
26.0490

■ 21.9401, 23.6674,
26.3344

■ 14.9314, 20.0543,
26.0053

■ 24.1079, 24.7849,
26.4361

■ 14.2097, 19.6823,
25.9713

■ 26.5559, 26.0469,
26.5509

■ 13.6807, 19.4095,
25.9463

■ 29.2936, 27.4582,
26.6792

■ 13.3258, 19.2266,
25.9295

■ 32.3301, 29.0236,
26.8215

■ 13.1186, 19.1198,
25.9195

■ 35.6740, 30.7474,
26.9783

■ 13.0373, 19.0778,
25.9156

■ 39.3336, 32.6340,
27.1498

■ 43.3169, 34.6875,
27.3364

Harmonies

Analogous

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



18.3355, 21.8439, 22.3021



18.4040, 21.8439, 26.1680



19.0875, 21.8439, 29.7331

Triad

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



18.4040, 21.8439, 26.1680



22.7467, 21.8439, 29.0636



21.2952, 21.8439, 17.2549

Complementary

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



18.4040, 21.8439, 26.1680



16.9951, 15.3985, 14.3893

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.



22.5317, 21.8439, 18.6871



18.4040, 21.8439, 26.1680



23.3936, 21.8439, 25.3307

Square

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



18.4040, 21.8439, 26.1680



21.5784, 21.8439, 31.5250



23.3132, 21.8439, 21.5499



19.9664, 21.8439, 17.4273

Rectangle

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



18.4040, 21.8439, 26.1680



19.8171, 21.8439, 31.3322



23.3132, 21.8439, 21.5499



21.7364, 21.8439, 17.5577

Sweetspot

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



18.4046, 21.8448, 26.1685



38.2217, 41.8318, 47.1079



16.4441, 21.0679, 15.5123



8.7427, 9.6316, 10.9045



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.



18.4046, 21.8448, 26.1685



31.5388, 38.3867, 46.7942



16.2861, 17.6074, 25.4628



4.8016, 5.2789, 5.9666



12.0215, 17.5915, 23.8965



0.0416, 0.0609, 0.0828

Inverse Universe

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



16.9951, 15.3985, 14.3893



28.5823, 24.8654, 22.0869



18.7533, 18.9151, 14.9750



4.6726, 4.6887, 4.8882



9.2136, 4.7498, 0.4314



0.0319, 0.0165, 0.0015

Previews

White Background



This preview shows how the XYZ color 18.4040, 21.8439, 26.1680 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 18.4040, 21.8439, 26.1680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

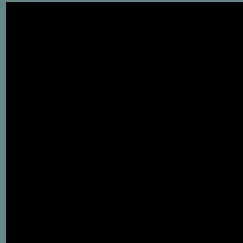
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.4040, 21.8439, 26.1680

Background



This preview shows how black text looks on a background with the XYZ color 18.4040, 21.8439, 26.1680.



This preview shows how white text looks on a background with the XYZ color 18.4040, 21.8439,

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

18.4040, 21.8439, 26.1680

Protanopia

21.0218, 21.8229, 24.5770

Deuteranopia

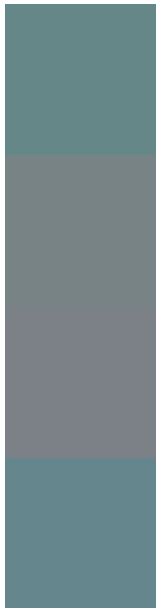
22.1655, 21.7917, 26.7049



Tritanopia

19.1527, 21.9474, 29.6124

Trichromacy



Original Color

18.4040, 21.8439, 26.1680

Protanomaly

19.8889, 21.8205, 24.9933

Deuteranomaly

20.6064, 21.7632, 26.4072

Tritanomaly

18.8123, 21.7981, 28.4152

Monochromacy



Original Color

18.4040, 21.8439, 26.1680

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.0152, 20.9985, 23.8198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4040, 21.8439, 26.1680 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(101, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(101, 135, 135)  
}
```

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(101, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 135, 135) }
```

Border

The CSS property to change the border of an element to XYZ 18.4040, 21.8439, 26.1680 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(101, 135, 135) }
```


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

```
.border{ border-color:rgb(101, 135, 135) }
```

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

Here you see how a box with a 4 pixel rgb(101, 135, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(101, 135,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4040, 21.8439, 26.1680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 135, 135) }
```

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

```
.background{ background-color: rgb(101,  
135, 135) }
```

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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