

Converting Colors

XYZ(18.5348, 21.1486, 24.0928)

Have a look what the booklet for
XYZ(18.5348, 21.1486, 24.0928)
contains.

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Color

**XYZ(18.5760, 21.1593,
24.2242)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8382
RGB	110, 131, 130
RGB Percent	43%, 51%, 51%
CMY	0.5686, 0.4863, 0.4902
CMYK	0.16, 0.00, 0.01, 0.49
HSL	177°, 9%, 47%
HSV	177°, 16%, 51%
XYZ	18.5760, 21.1593, 24.2242
YIQ	124.6070, -12.1950, -4.7630

Conversions

Conversions Part 2

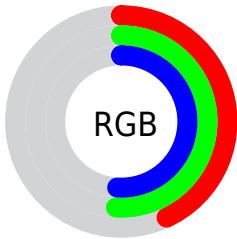
Format	Color
R_{YB}	110, 121, 131
Decimal	7242626
CIE _{Lab}	53.12, -7.78, -2.01
CIE _{LCh}	53, 8.038, 194.479
Yxy	21.1593, 0.2904, 0.3308
Android (android.graphics.Color)	4285432706 (0xFF6E8382)
YUV	124.6070, 2.6587, -12.8103
Hunter-Lab	45.9992, -8.4145, 0.9761

Details

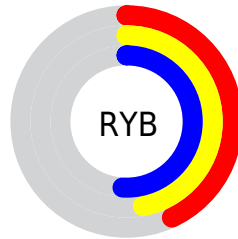
The XYZ color **18.5760, 21.1593, 24.2242** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.8060, 17.1255, 17.4070**, and the grayscale version is **19.3558, 20.3638, 22.1762**.

A 20% lighter version of the original color is **40.5880, 45.3813, 51.4200**, and **6.4891, 7.6528, 8.9197** is the 20% darker color. If you saturate the color by 10%, you get **17.0234, 20.3643, 23.9337**, and if you desaturate by 10%, it is **20.3710, 22.0804, 24.5283**.

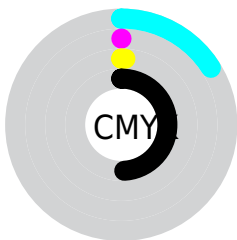
Distribution



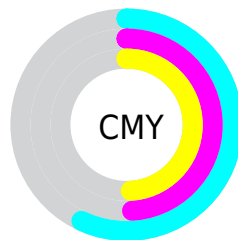
- Red (43%)
- Green (51%)
- Blue (51%)



- Red (43%)
- Yellow (47%)
- Blue (51%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (49%)



- Cyan (57%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5760, 21.1593, 24.2242 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 18.5760, 21.1593, 24.2242 by changing the saturation by 10% instead.

■ 18.5760, 21.1593,
24.2242

■ 18.5760, 21.1593,
24.2242

237.0812,
258.1239, 287.2750

■ 11.4665, 13.2405,
15.2863

■ 40.5388, 45.3525,
51.3442

■ 6.4511, 7.5944,
8.8717

■ 56.1229, 62.3957,
70.3634

■ 3.1645, 3.8365,
4.5619

■ 75.2625, 83.2491,
93.5801

■ 1.2414, 1.5825,
1.9384

■ 98.3230, 108.2972,
121.4128

■ 0.1387, 0.3458,
0.5170

125.6698,
137.9243, 154.2801

■ 0.0000, 0.0000,
0.0000

157.6682,

172.5149, 192.6006

194.6835,
212.4533, 236.7927

■ 18.5760, 21.1593,
24.2242

■ 18.5760, 21.1593,
24.2242

■ 17.0234, 20.3643,
23.9337

■ 20.3710, 22.0804,
24.5283

■ 15.7010, 19.6874,
23.6548

■ 22.4166, 23.1300,
24.8450

■ 14.5979, 19.1235,
23.3875

■ 24.7227, 24.3139,
25.1753

■ 13.7020, 18.6664,
23.1312

■ 27.2981, 25.6367,
25.5194

■ 12.9997, 18.3091,
22.8853

■ 30.1513, 27.1025,
25.8780

■ 12.4760, 18.0438,
22.6491

■ 33.2903, 28.7158,
26.2512

■ 12.1136, 17.8616,
22.4218

■ 36.7230, 30.4803,
26.6395

■ 11.8835, 17.7476,
22.2019

■ 40.4566, 32.4000,
27.0433

■ 11.8026, 17.7077,
22.1155

■ 44.4985, 34.4786,
27.4628

Harmonies

Analogous

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



18.5833, 21.1593, 21.8138



18.5760, 21.1593, 24.2242



18.9720, 21.1593, 26.4620

Triad

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



18.5760, 21.1593, 24.2242



21.2735, 21.1593, 26.5278



20.5500, 21.1593, 18.8326

Complementary

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



18.5760, 21.1593, 24.2242



17.8060, 17.1255, 17.4070

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.



21.2952, 21.1593, 19.9245



18.5760, 21.1593, 24.2242



21.7208, 21.1593, 24.3090

Square

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



18.5760, 21.1593, 24.2242



20.5210, 21.1593, 27.8539



21.7289, 21.1593, 21.8929



19.7070, 21.1593, 18.8134

Rectangle

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



18.5760, 21.1593, 24.2242



19.4181, 21.1593, 27.5071



21.7289, 21.1593, 21.8929



20.8208, 21.1593, 19.0828

Sweetspot

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



18.5766, 21.1602, 24.2247



36.7951, 39.7019, 43.9740



17.4933, 20.7420, 17.8339



8.5181, 9.2185, 10.2303



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



18.5766, 21.1602, 24.2247



32.2700, 37.3816, 43.1993



17.4322, 18.7632, 24.1766



4.7923, 5.2751, 5.9174



11.6177, 17.4299, 21.7699



0.0410, 0.0607, 0.0793

Inverse Universe

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



17.8060, 17.1255, 17.4070



30.6352, 28.8213, 28.7350



18.8258, 19.2529, 17.4762



4.6809, 4.6920, 4.9320



9.2476, 4.7634, 0.6102



0.0326, 0.0167, 0.0050

Previews

White Background



This preview shows how the XYZ color 18.5760, 21.1593, 24.2242 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 18.5760, 21.1593, 24.2242 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 18.5760, 21.1593, 24.2242

Background



This preview shows how black text looks on a background with the XYZ color 18.5760, 21.1593, 24.2242.



This preview shows how white text looks on a background with the XYZ color 18.5760, 21.1593,

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

18.5760, 21.1593, 24.2242

Protanopia

20.3449, 21.1211, 23.0832

Deuteranopia

21.5643, 21.1502, 24.7756



Tritanopia

19.2660, 21.0387, 27.8564

Trichromacy



Original Color

18.5760, 21.1593, 24.2242

Protanomaly

19.6415, 21.1344, 23.4662

Deuteranomaly

20.3100, 21.0724, 24.4697

Tritanomaly

18.9821, 21.1223, 26.3691

Monochromacy



Original Color

18.5760, 21.1593, 24.2242

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.1659, 20.7041, 23.0648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5760, 21.1593, 24.2242 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(110, 131, 130)` looks like.

```
.text, #text, p{  
    color:rgb(110, 131, 130)  
}
```

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(110, 131, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 131, 130) }
```

Border

The CSS property to change the border of an element to XYZ 18.5760, 21.1593, 24.2242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

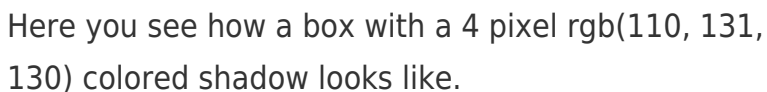
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 131, 130) }
```


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

```
.border{ border-color:rgb(110, 131, 130) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 131, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 131, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 131, 130); box-shadow:4px 4px 4px 4px rgb(110, 131, 130) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5760, 21.1593, 24.2242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 131, 130) }
```

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

```
.background{ background-color: rgb(110,  
131, 130) }
```

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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