

Converting Colors

XYZ(21.2702, 25.4932, 30.7236)

Have a look what the booklet for
XYZ(21.2702, 25.4932, 30.7236)
contains.

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Color

**XYZ(21.1801, 25.3593,
30.5666)**

Conversions

Conversions Part 1

Format	Color
Hex	6A9191
RGB	106, 145, 145
RGB Percent	42%, 57%, 57%
CMY	0.5843, 0.4314, 0.4314
CMYK	0.27, 0.00, 0.00, 0.43
HSL	180°, 16%, 49%
HSV	180°, 27%, 57%
XYZ	21.1801, 25.3593, 30.5666
YIQ	133.3390, -23.2440, -8.2680

Conversions

Conversions Part 2

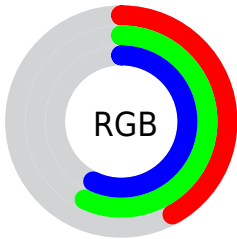
Format	Color
R_{YB}	106, 126, 145
Decimal	6984081
CIE _{Lab}	57.42, -13.35, -4.36
CIE _{LCh}	57, 14.044, 198.100
Yxy	25.3593, 0.2747, 0.3289
Android (android.graphics.Color)	4285174161 (0xFF6A9191)
YUV	133.3390, 5.7489, -23.9763
Hunter-Lab	50.3580, -13.0511, -0.7376

Details

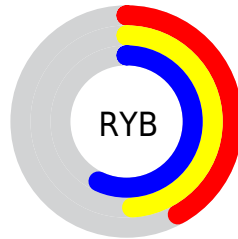
The XYZ color **21.1801, 25.3593, 30.5666** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.4335, 17.3692, 15.9650**, and the grayscale version is **22.4042, 23.5710, 25.6688**.

A 20% lighter version of the original color is **44.8328, 52.2395, 61.7531**, and **7.7556, 9.7015, 12.2903** is the 20% darker color. If you saturate the color by 10%, you get **19.6007, 24.5457, 30.4930**, and if you desaturate by 10%, it is **23.0524, 26.3251, 30.6550**.

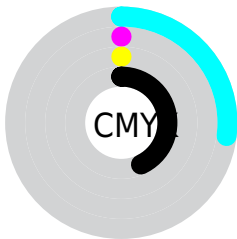
Distribution



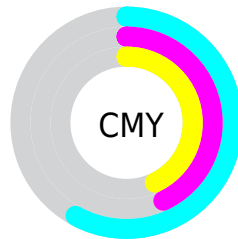
- Red (42%)
- Green (57%)
- Blue (57%)



- Red (42%)
- Yellow (49%)
- Blue (57%)



- Cyan (27%)
- Magenta (0%)
- Yellow (0%)
- Black (43%)



- Cyan (58%)
- Magenta (43%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1801, 25.3593, 30.5666 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 21.1801, 25.3593, 30.5666 by changing the saturation by 10% instead.

■ 21.1801, 25.3593,
30.5666

■ 21.1801, 25.3593,
30.5666

250.9477,
279.6226, 318.8258

■ 13.3689, 16.3449,
20.0134

■ 44.8761, 52.2395,
61.6286

■ 7.7618, 9.7686,
12.2206

■ 61.4916, 70.8742,
82.9745

■ 3.9934, 5.2458,
6.7697

■ 81.7727, 93.4844,
108.7550

■ 1.6984, 2.3922,
3.2423

■ 106.0845,
120.4545, 139.3887

■ 0.4553, 0.8219,
1.2196

134.7926,
152.1690, 175.2940

■ 0.0000, 0.0000,
0.0000

168.2623,

189.0123, 216.8897

206.8589,
231.3687, 264.5941

■ 21.1801, 25.3593,
30.5666

■ 21.1801, 25.3593,
30.5666

■ 19.6007, 24.5457,
30.4930

■ 23.0524, 26.3251,
30.6550

■ 18.2973, 23.8738,
30.4317

■ 25.2289, 27.4472,
30.7572

■ 17.2548, 23.3364,
30.3826

■ 27.7233, 28.7331,
30.8742

■ 16.4555, 22.9244,
30.3450

■ 30.5474, 30.1890,
31.0066

■ 15.8798, 22.6276,
30.3178

■ 33.7128, 31.8208,
31.1550

■ 15.5050, 22.4344,
30.3000

■ 37.2303, 33.6341,
31.3199

■ 15.2927, 22.3249,
30.2898

■ 41.1103, 35.6343,
31.5017

■ 15.2364, 22.2959,
30.2870

■ 45.3627, 37.8265,
31.7010

■ 49.9970, 40.2156,
31.9181

Harmonies

Analogous

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



21.0978, 25.3593, 25.7601



21.1801, 25.3593, 30.5666



22.0232, 25.3593, 35.0324

Triad

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



21.1801, 25.3593, 30.5666



26.5714, 25.3593, 34.2150



24.7710, 25.3593, 19.5606

Complementary

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



21.1801, 25.3593, 30.5666



19.4335, 17.3692, 15.9650

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.



26.3103, 25.3593, 21.3212



21.1801, 25.3593, 30.5666



27.3814, 25.3593, 29.5505

Square

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



21.1801, 25.3593, 30.5666



25.1140, 25.3593, 37.3004



27.2837, 25.3593, 24.8541



23.1200, 25.3593, 19.7657

Rectangle

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



21.1801, 25.3593, 30.5666



22.9261, 25.3593, 37.0463



27.2837, 25.3593, 24.8541



25.3200, 25.3593, 19.9329

Sweetspot

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



21.1808, 25.3603, 30.5672



44.6533, 48.8806, 55.0546



18.7491, 24.3966, 17.3570



9.8086, 10.8096, 12.2416



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.1808, 25.3603, 30.5672



36.2353, 44.5410, 54.6595



18.5355, 20.0694, 29.6861



5.5603, 6.1163, 6.9162



13.0682, 19.1232, 25.9772



0.1249, 0.1828, 0.2484

Inverse Universe

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



19.4335, 17.3692, 15.9650



32.5897, 27.8683, 24.1937



21.5941, 21.6905, 16.6848



5.4089, 5.4241, 5.6513



10.0159, 5.1634, 0.4689



0.0958, 0.0494, 0.0045

Previews

White Background



This preview shows how the XYZ color 21.1801, 25.3593, 30.5666 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 21.1801, 25.3593, 30.5666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

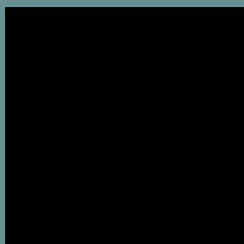
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

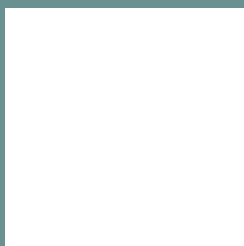
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.1801, 25.3593, 30.5666

Background



This preview shows how black text looks on a background with the XYZ color 21.1801, 25.3593, 30.5666.



This preview shows how white text looks on a background with the XYZ color 21.1801, 25.3593,

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

21.1801, 25.3593, 30.5666

Protanopia

24.3267, 25.2737, 28.4071

Deuteranopia

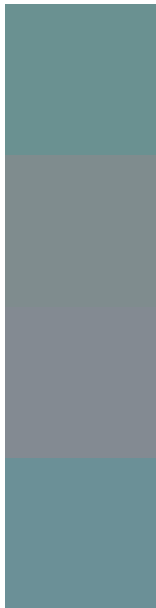
25.6456, 25.2678, 31.1293



Tritanopia

21.9232, 25.1996, 34.7189

Trichromacy



Original Color

21.1801, 25.3593, 30.5666

Protanomaly

23.0130, 25.2212, 29.2464

Deuteranomaly

23.6369, 25.0776, 30.7888

Tritanomaly

21.6226, 25.3067, 33.0232

Monochromacy



Original Color

21.1801, 25.3593, 30.5666

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.6294, 23.9084, 27.1417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1801, 25.3593, 30.5666 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(106, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(106, 145, 145)  
}
```

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(106, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 145, 145) }
```

Border

The CSS property to change the border of an element to XYZ 21.1801, 25.3593, 30.5666 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(106, 145, 145) }
```


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

```
.border{ border-color:rgb(106, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(106, 145,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1801, 25.3593, 30.5666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 145, 145) }
```

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

```
.background{ background-color: rgb(106,  
145, 145) }
```

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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