

Converting Colors

XYZ(21.5599, 26.3795, 32.8089)

Have a look what the booklet for
XYZ(21.5599, 26.3795, 32.8089)
contains.

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Color

**XYZ(21.6193, 26.4636,
32.8227)**

Conversions

Conversions Part 1

Format	Color
Hex	659596
RGB	101, 149, 150
RGB Percent	40%, 58%, 59%
CMY	0.6039, 0.4157, 0.4118
CMYK	0.33, 0.01, 0.00, 0.41
HSL	181°, 20%, 49%
HSV	181°, 33%, 59%
XYZ	21.6193, 26.4636, 32.8227
YIQ	134.7620, -28.9290, -9.8650

Conversions

Conversions Part 2

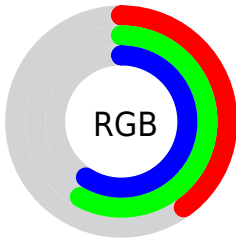
Format	Color
RYB	101, 125, 150
Decimal	6657430
CIELab	58.47, -15.80, -5.70
CIELCh	58, 16.793, 199.833
Yxy	26.4636, 0.2672, 0.3271
Android (android.graphics.Color)	4284847510 (0xFF659596)
YUV	134.7620, 7.5123, -29.6093
Hunter-Lab	51.4428, -15.0086, -1.8196

Details

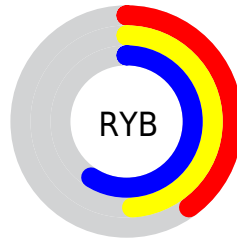
The XYZ color **21.6193, 26.4636, 32.8227** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.6784, 16.9266, 14.5425**, and the grayscale version is **22.9223, 24.1161, 26.2624**.

A 20% lighter version of the original color is **45.5814, 53.9415, 65.1361**, and **7.9851, 10.3400, 13.3793** is the 20% darker color. If you saturate the color by 10%, you get **20.0427, 25.5798, 32.7356**, and if you desaturate by 10%, it is **23.5042, 27.5078, 32.9254**.

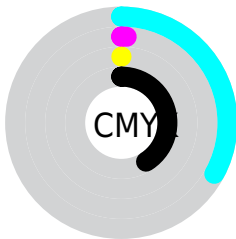
Distribution



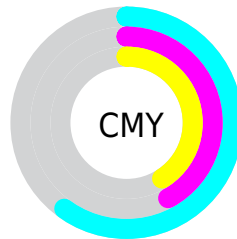
- Red (40%)
- Green (58%)
- Blue (59%)



- Red (40%)
- Yellow (49%)
- Blue (59%)



- Cyan (33%)
- Magenta (1%)
- Yellow (0%)
- Black (41%)



- Cyan (60%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6193, 26.4636, 32.8227 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 21.6193, 26.4636, 32.8227 by changing the saturation by 10% instead.

■ 21.6193, 26.4636,
32.8227

■ 21.6193, 26.4636,
32.8227

253.2216,
285.0505, 329.4575

■ 13.6925, 17.1708,
21.7207

■ 45.5995, 54.0219,
65.2114

■ 7.9874, 10.3563,
13.4554

■ 62.3836, 73.0562,
87.3352

■ 4.1386, 5.6359,
7.6085

■ 82.8509, 96.1064,
113.9700

■ 1.7808, 2.6249,
3.7613

■ 107.3666,
123.5570, 145.5343

■ 0.5061, 0.9392,
1.4953

136.2962,
155.7923, 182.4466

■ 0.0000, 0.0000,
0.2144

170.0050,

■ 0.0000, 0.0000,

193.1967, 225.1256

0.0000

208.8583,
236.1546, 273.9897

■ 21.6193, 26.4636,
32.8227

■ 21.6193, 26.4636,
32.8227

■ 20.0427, 25.5798,
32.7356

■ 23.5042, 27.5078,
32.9254

■ 18.7552, 24.8446,
32.6616

■ 25.7104, 28.7172,
33.0425

■ 17.7395, 24.2497,
32.6003

■ 28.2532, 30.1003,
33.1755

■ 16.9751, 23.7845,
32.5508

■ 31.1459, 31.6640,
33.3248

■ 16.4389, 23.4371,
32.5120

■ 34.4015, 33.4150,
33.4912

■ 16.1032, 23.1933,
32.4826

■ 38.0320, 35.3594,
33.6752

■ 15.9303, 23.0524,
32.4646

■ 42.0490, 37.5032,
33.8772

■ 46.4636, 39.8523,
34.0980

■ 51.2865, 42.4119,
34.3378

Harmonies

Analogous

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



21.4640, 26.4636, 26.8645



21.6193, 26.4636, 32.8227



22.6916, 26.4636, 38.3455

Triad

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



21.6193, 26.4636, 32.8227



28.2916, 26.4636, 36.7388



25.8561, 26.4636, 19.0577

Complementary

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



21.6193, 26.4636, 32.8227



19.6784, 16.9266, 14.5425

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.



27.7859, 26.4636, 21.0099



21.6193, 26.4636, 32.8227



29.2418, 26.4636, 30.8563

Square

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



21.6193, 26.4636, 32.8227



26.5161, 26.4636, 40.8109



29.0519, 26.4636, 25.1464



23.8372, 26.4636, 19.4344

Rectangle

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



21.6193, 26.4636, 32.8227



23.8164, 26.4636, 40.7825



29.0519, 26.4636, 25.1464



26.5385, 26.4636, 19.4518

Sweetspot

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



21.6201, 26.4647, 32.8233



46.4241, 51.2524, 58.3671



18.6629, 25.5356, 16.4686



10.1677, 11.2925, 12.9286



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.6201, 26.4647, 32.8233



36.1228, 45.5665, 57.8126



18.1660, 19.5565, 31.6719



5.9541, 6.5422, 7.4187



13.2150, 19.1248, 26.9260



0.1643, 0.2393, 0.3304

Inverse Universe

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



22.6568, 17.9619, 30.7078



38.2443, 28.2685, 53.4611



22.4286, 22.4270, 15.4592



6.0303, 5.9072, 7.2655



14.7974, 7.1240, 23.4779



0.1824, 0.0877, 0.2943

Previews

White Background



This preview shows how the XYZ color 21.6193, 26.4636, 32.8227 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 21.6193, 26.4636, 32.8227 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

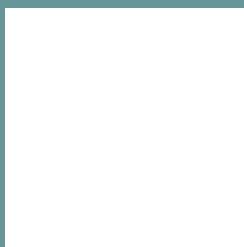
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.6193, 26.4636, 32.8227

Background



This preview shows how black text looks on a background with the XYZ color 21.6193, 26.4636, 32.8227.



This preview shows how white text looks on a background with the XYZ color 21.6193, 26.4636,

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

21.6193, 26.4636, 32.8227

Protanopia

25.2512, 26.1416, 30.1005

Deuteranopia

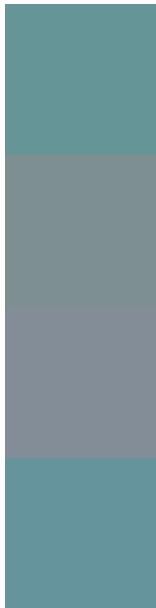
26.7667, 26.2041, 33.7841



Tritanopia

22.4414, 26.5666, 36.7460

Trichromacy



Original Color

21.6193, 26.4636, 32.8227

Protanomaly

23.6150, 26.1559, 30.9981

Deuteranomaly

24.5524, 26.1420, 33.4576

Tritanomaly

22.0701, 26.4049, 35.3859

Monochromacy



Original Color

21.6193, 26.4636, 32.8227

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.2801, 24.8606, 28.4352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6193, 26.4636, 32.8227 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, 149, 150)` looks like.

```
.text, #text, p{  
    color:rgb(101, 149, 150)  
}
```

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, 149, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 149, 150) }
```

Border

The CSS property to change the border of an element to XYZ 21.6193, 26.4636, 32.8227 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, 149, 150) }
```


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

```
.border{ border-color:rgb(101, 149, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 149, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 149, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 149, 150);  
box-shadow:4px 4px 4px 4px rgb(101, 149,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6193, 26.4636, 32.8227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 149, 150) }
```

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

```
.background{ background-color: rgb(101,  
149, 150) }
```

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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