

Converting Colors

XYZ(21.3760, 25.9414, 31.8134)

Have a look what the booklet for
XYZ(21.3760, 25.9414, 31.8134)
contains.

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Color

**XYZ(21.3725, 25.8891,
31.8876)**

Conversions

Conversions Part 1

Format	Color
Hex	679394
RGB	103, 147, 148
RGB Percent	40%, 58%, 58%
CMY	0.5961, 0.4235, 0.4196
CMYK	0.30, 0.01, 0.00, 0.42
HSL	181°, 18%, 49%
HSV	181°, 30%, 58%
XYZ	21.3725, 25.8891, 31.8876
YIQ	133.9580, -26.5450, -9.0170

Conversions

Conversions Part 2

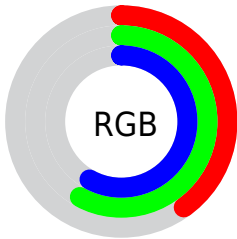
Format	Color
R_{YB}	103, 125, 148
Decimal	6787988
CIE _{Lab}	57.93, -14.62, -5.35
CIE _{LCh}	58, 15.570, 200.088
Yxy	25.8891, 0.2700, 0.3271
Android (android.graphics.Color)	4284978068 (0xFF679394)
YUV	133.9580, 6.9227, -27.1502
Hunter-Lab	50.8813, -14.0641, -1.5404

Details

The XYZ color **21.3725, 25.8891, 31.8876** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.6115, 17.1759, 15.1141**, and the grayscale version is **22.6275, 23.8059, 25.9246**.

A 20% lighter version of the original color is **45.2576, 53.1055, 63.7422**, and **7.8087, 9.9857, 12.8251** is the 20% darker color. If you saturate the color by 10%, you get **19.7722, 24.9891, 31.7987**, and if you desaturate by 10%, it is **23.2750, 26.9464, 31.9918**.

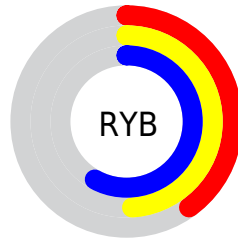
Distribution



Red (40%)

Green (58%)

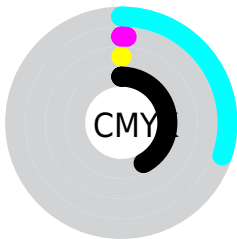
Blue (58%)



Red (40%)

Yellow (49%)

Blue (58%)

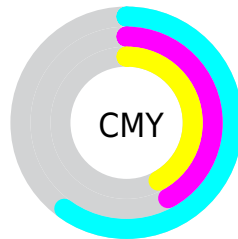


Cyan (30%)

Magenta (1%)

Yellow (0%)

Black (42%)



Cyan (60%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3725, 25.8891, 31.8876 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 21.3725, 25.8891, 31.8876 by changing the saturation by 10% instead.

■ 21.3725, 25.8891,
31.8876

■ 21.3725, 25.8891,
31.8876

251.9460,
282.2373, 325.0838

■ 13.5106, 16.7407,
21.0116

■ 45.1933, 53.0960,
63.7307

■ 7.8605, 10.0498,
12.9411

■ 61.8828, 71.9232,
85.5348

■ 4.0568, 5.4320,
7.2578

■ 82.2457, 94.7456,
111.8187

■ 1.7343, 2.5029,
3.5429

■ 106.6471,
121.9474, 143.0010

■ 0.4776, 0.8781,
1.3781

135.4525,
153.9131, 179.5001

■ 0.0000, 0.0000,
0.1246

169.0272,

■ 0.0000, 0.0000,

191.0270, 221.7345

0.0000

207.7366,
233.6736, 270.1230

■ 21.3725, 25.8891,
31.8876

■ 21.3725, 25.8891,
31.8876

■ 19.7722, 24.9891,
31.7987

■ 23.2750, 26.9464,
31.9918

■ 18.4559, 24.2350,
31.7225

■ 25.4921, 28.1655,
32.1103

■ 17.4071, 23.6191,
31.6589

■ 28.0382, 29.5544,
32.2442

■ 16.6067, 23.1314,
31.6069

■ 30.9263, 31.1198,
32.3941

■ 16.0328, 22.7608,
31.5656

■ 34.1686, 32.8680,
32.5607

■ 15.6601, 22.4940,
31.5338

■ 37.7767, 34.8051,
32.7444

■ 15.4277, 22.3029,
31.5091

■ 41.7617, 36.9366,
32.9458

■ 46.1342, 39.2681,
33.1654

■ 50.9044, 41.8049,
33.4036

Harmonies

Analogous

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



21.2221, 25.8891, 26.4479



21.3725, 25.8891, 31.8876



22.3645, 25.8891, 36.8774

Triad

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



21.3725, 25.8891, 31.8876



27.4783, 25.8891, 35.3493



25.2329, 25.8891, 19.1887

Complementary

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



21.3725, 25.8891, 31.8876



19.6115, 17.1759, 15.1141

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.



26.9943, 25.8891, 20.9849



21.3725, 25.8891, 31.8876



28.3335, 25.8891, 30.0045

Square

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



21.3725, 25.8891, 31.8876



25.8665, 25.8891, 39.0454



28.1520, 25.8891, 24.7877



23.3887, 25.8891, 19.5580

Rectangle

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



21.3725, 25.8891, 31.8876



23.3988, 25.8891, 39.0590



28.1520, 25.8891, 24.7877



25.8557, 25.8891, 19.5495

Sweetspot

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



21.3733, 25.8901, 31.8882



45.4975, 49.9797, 56.6837



18.6699, 25.0582, 16.8834



10.2567, 11.3384, 12.9328



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.



21.3733, 25.8901, 31.8882



35.8678, 44.6464, 56.1618



18.2413, 19.6262, 30.8442



5.9532, 6.5404, 7.4184



13.1803, 19.0555, 26.9144



0.1641, 0.2389, 0.3304

Inverse Universe

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



22.3300, 18.1035, 29.9223



37.8215, 28.8319, 52.1282



22.1542, 22.2614, 15.9617



6.0298, 5.9070, 7.2632



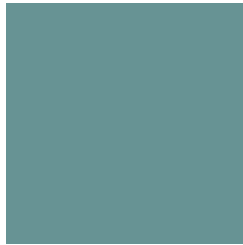
14.7799, 7.1170, 23.3858



0.1823, 0.0877, 0.2937

Previews

White Background



This preview shows how the XYZ color 21.3725, 25.8891, 31.8876 looks on a white background.

Color Contrast Check

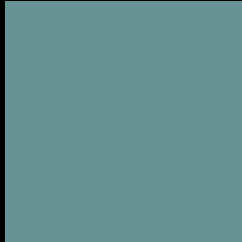
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3725, 25.8891, 31.8876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

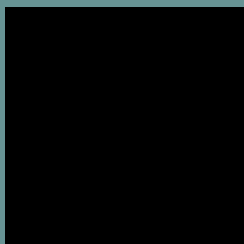
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

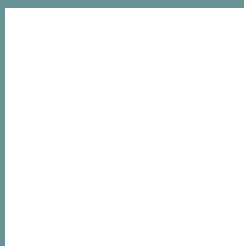
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.3725, 25.8891, 31.8876

Background



This preview shows how black text looks on a background with the XYZ color 21.3725, 25.8891, 31.8876.

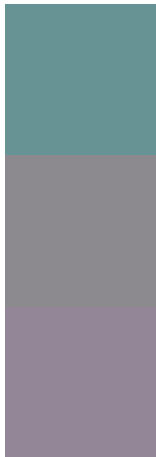


This preview shows how white text looks on a background with the XYZ color 21.3725, 25.8891,

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

21.3725, 25.8891, 31.8876

Protanopia

24.8616, 25.7356, 29.6437

Deuteranopia

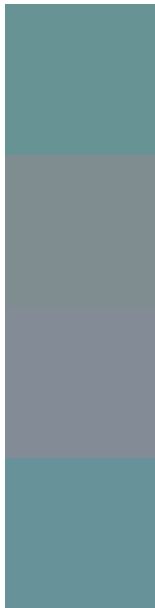
26.2825, 25.7654, 32.8661



Tritanopia

22.1904, 25.9953, 35.7463

Trichromacy



Original Color

21.3725, 25.8891, 31.8876

Protanomaly

23.3881, 25.6061, 30.4979

Deuteranomaly

24.0977, 25.4925, 32.5046

Tritanomaly

21.8205, 25.8339, 34.4082

Monochromacy



Original Color

21.3725, 25.8891, 31.8876

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.0612, 24.5403, 28.0001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3725, 25.8891, 31.8876 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(103, 147, 148)` looks like.

```
.text, #text, p{  
    color:rgb(103, 147, 148)  
}
```

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(103, 147, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 147, 148) }
```

Border

The CSS property to change the border of an element to XYZ 21.3725, 25.8891, 31.8876 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(103, 147, 148) }
```


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

```
.border{ border-color:rgb(103, 147, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 147, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 147, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 147, 148);  
box-shadow:4px 4px 4px 4px rgb(103, 147,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3725, 25.8891, 31.8876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 147, 148) }
```

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

```
.background{ background-color: rgb(103,  
147, 148) }
```

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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