

Converting Colors

XYZ(20.8934, 25.8831, 31.4985)

Have a look what the booklet for
XYZ(20.8934, 25.8831, 31.4985)
contains.

XYZ(20.8934, 25.8831, 31.4985)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.8934, 25.8831,
31.4985)**

Conversions

Conversions Part 1

Format	Color
Hex	629493
RGB	98, 148, 147
RGB Percent	38%, 58%, 58%
CMY	0.6157, 0.4196, 0.4235
CMYK	0.34, 0.00, 0.01, 0.42
HSL	179°, 20%, 48%
HSV	179°, 34%, 58%
XYZ	20.8934, 25.8831, 31.4985
YIQ	132.9360, -29.4790, -10.9110

Conversions

Conversions Part 2

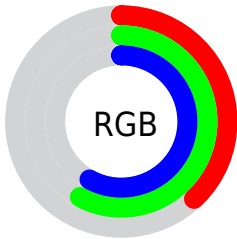
Format	Color
R_{YB}	98, 123, 148
Decimal	6460563
CIE _{Lab}	57.93, -16.89, -4.82
CIE _{LCh}	58, 17.560, 195.915
Y _{xy}	25.8831, 0.2669, 0.3307
Android (android.graphics.Color)	4284650643 (0xFF629493)
Y _{UV}	132.9360, 6.9336, -30.6389
Hunter-Lab	50.8754, -15.7261, -1.0954

Details

The XYZ color **20.8934, 25.8831, 31.4985** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.8335, 15.9329, 13.8882**, and the grayscale version is **22.2549, 23.4139, 25.4978**.

A 20% lighter version of the original color is **44.4256, 53.0374, 63.1541**, and **7.6047, 10.0168, 12.8419** is the 20% darker color. If you saturate the color by 10%, you get **19.4188, 25.1262, 31.3087**, and if you desaturate by 10%, it is **22.6649, 26.7943, 31.7036**.

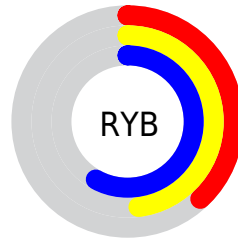
Distribution



Red (38%)

Green (58%)

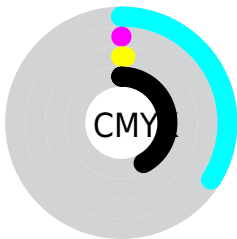
Blue (58%)



Red (38%)

Yellow (48%)

Blue (58%)

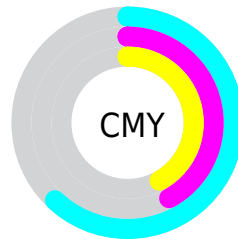


Cyan (34%)

Magenta (0%)

Yellow (1%)

Black (42%)



Cyan (62%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8934, 25.8831, 31.4985 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 20.8934, 25.8831, 31.4985 by changing the saturation by 10% instead.

■ 20.8934, 25.8831,
31.4985

■ 20.8934, 25.8831,
31.4985

249.4539,
282.2078, 323.2504

■ 13.1581, 16.7362,
20.7171

■ 44.4027, 53.0863,
63.1128

■ 7.6153, 10.0466,
12.7281

■ 60.9074, 71.9114,
84.7828

■ 3.8995, 5.4299,
7.1131

■ 81.0659, 94.7313,
110.9194

■ 1.6454, 2.5016,
3.4534

■ 105.2437,
121.9305, 141.9411

■ 0.4217, 0.8774,
1.3306

133.8060,
153.8934, 178.2666

■ 0.0000, 0.0000,
0.0866

167.1182,

■ 0.0000, 0.0000,

191.0043, 220.3142

0.0000

205.5457,
233.6476, 268.5027

■ 20.8934, 25.8831,
31.4985

■ 20.8934, 25.8831,
31.4985

■ 19.4188, 25.1262,
31.3087

■ 22.6649, 26.7943,
31.7036

■ 18.2225, 24.5122,
31.1317

■ 24.7460, 27.8645,
31.9230

■ 17.2874, 24.0328,
30.9673

■ 27.1516, 29.1019,
32.1578

■ 16.5935, 23.6777,
30.8144

■ 29.8949, 30.5134,
32.4088

■ 16.1180, 23.4353,
30.6721

■ 32.9881, 32.1053,
32.6764

■ 15.8335, 23.2913,
30.5390

■ 36.4433, 33.8837,
32.9613

■ 15.7041, 23.2262,
30.4586

■ 40.2715, 35.8545,
33.2640

■ 44.4837, 38.0232,
33.5850

■ 49.0900, 40.3952,
33.9247

Harmonies

Analogous

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



20.8633, 25.8831, 25.4415



20.8934, 25.8831, 31.4985



21.8785, 25.8831, 37.4046

Triad

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



20.8934, 25.8831, 31.4985



27.6398, 25.8831, 37.0879



25.6043, 25.8831, 18.3268

Complementary

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



20.8934, 25.8831, 31.4985



18.8335, 15.9329, 13.8882

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.



27.5407, 25.8831, 20.6160



20.8934, 25.8831, 31.4985



28.7607, 25.8831, 31.1132

Square

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



20.8934, 25.8831, 31.4985



25.7333, 25.8831, 40.9338



28.7234, 25.8831, 25.1074



23.5026, 25.8831, 18.3991

Rectangle

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



20.8934, 25.8831, 31.4985



22.9783, 25.8831, 40.2100



28.7234, 25.8831, 25.1074



26.2985, 25.8831, 18.8296

Sweetspot

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



20.8942, 25.8841, 31.4991



45.1154, 49.9113, 56.4694



18.0141, 24.7531, 15.3842



10.1787, 11.3318, 12.8788



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.



20.8942, 25.8841, 31.4991



34.7337, 44.5744, 55.3044



17.6746, 19.3187, 30.8155



5.9592, 6.5603, 7.3958



13.4145, 19.8386, 26.0221



0.1655, 0.2433, 0.3253

Inverse Universe

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



18.8335, 15.9329, 13.8882



30.4964, 24.1071, 19.0876



21.2963, 20.9346, 14.4742



5.8052, 5.8172, 6.0805



10.4468, 5.3838, 0.5678



0.1288, 0.0663, 0.0119

Previews

White Background



This preview shows how the XYZ color 20.8934, 25.8831, 31.4985 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 20.8934, 25.8831, 31.4985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

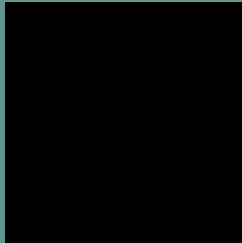
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

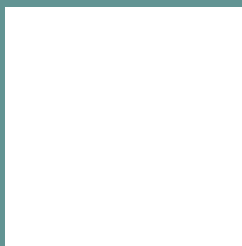
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.8934, 25.8831, 31.4985

Background



This preview shows how black text looks on a background with the XYZ color 20.8934, 25.8831, 31.4985.

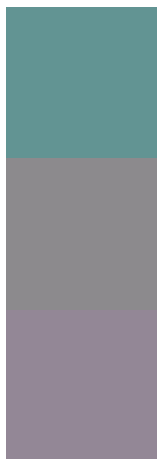


This preview shows how white text looks on a background with the XYZ color 20.8934, 25.8831,

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

20.8934, 25.8831, 31.4985

Protanopia

24.7114, 25.6755, 28.8527

Deuteranopia

26.2016, 25.7330, 32.4402



Tritanopia

21.8173, 25.7931, 36.1764

Trichromacy



Original Color

20.8934, 25.8831, 31.4985

Protanomaly

23.0884, 25.6891, 29.7282

Deuteranomaly

23.8562, 25.5932, 32.1164

Tritanomaly

21.5220, 25.9099, 34.4386

Monochromacy



Original Color

20.8934, 25.8831, 31.4985

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.4217, 24.0050, 27.5491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8934, 25.8831, 31.4985 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(98, 148, 147)` looks like.

```
.text, #text, p{  
    color:rgb(98, 148, 147)  
}
```

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(98, 148, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 148, 147) }
```

Border

The CSS property to change the border of an element to XYZ 20.8934, 25.8831, 31.4985 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(98, 148, 147) }
```


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

```
.border{ border-color:rgb(98, 148, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 148, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 148, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 148, 147);  
box-shadow:4px 4px 4px 4px rgb(98, 148,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8934, 25.8831, 31.4985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 148, 147) }
```

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

```
.background{ background-color: rgb(98, 148,  
147) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor