

Converting Colors

XYZ(21.0117, 26.3136, 33.7611)

Have a look what the booklet for
XYZ(21.0117, 26.3136, 33.7611)
contains.

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Color

**XYZ(20.9875, 26.3550,
33.6866)**

Conversions

Conversions Part 1

Format	Color
Hex	5C9698
RGB	92, 150, 152
RGB Percent	36%, 59%, 60%
CMY	0.6392, 0.4118, 0.4039
CMYK	0.39, 0.01, 0.00, 0.40
HSL	182°, 25%, 48%
HSV	182°, 39%, 60%
XYZ	20.9875, 26.3550, 33.6866
YIQ	132.8860, -35.2100, -11.6740

Conversions

Conversions Part 2

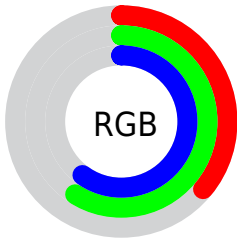
Format	Color
R_{YB}	92, 121, 152
Decimal	6067864
CIE _{Lab}	58.37, -18.36, -7.04
CIE _{LCh}	58, 19.663, 200.979
Yxy	26.3550, 0.2590, 0.3253
Android (android.graphics.Color)	4284257944 (0xFF5C9698)
YUV	132.8860, 9.4232, -35.8570
Hunter-Lab	51.3371, -16.8661, -2.9692

Details

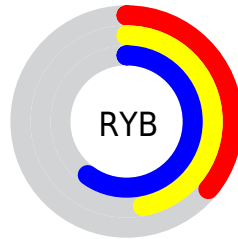
The XYZ color **20.9875, 26.3550, 33.6866** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.8838, 15.4539, 12.1135**, and the grayscale version is **22.2295, 23.3872, 25.4686**.

A 20% lighter version of the original color is **44.4105, 53.6617, 66.4096**, and **7.6475, 10.2946, 13.8959** is the 20% darker color. If you saturate the color by 10%, you get **19.5384, 25.4889, 33.5963**, and if you desaturate by 10%, it is **22.7432, 27.3809, 33.7925**.

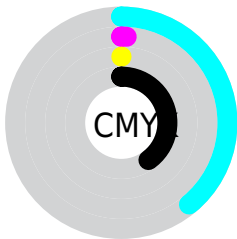
Distribution



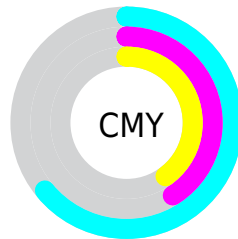
- Red (36%)
- Green (59%)
- Blue (60%)



- Red (36%)
- Yellow (47%)
- Blue (60%)



- Cyan (39%)
- Magenta (1%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9875, 26.3550, 33.6866 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 20.9875, 26.3550, 33.6866 by changing the saturation by 10% instead.

■ 20.9875, 26.3550,
33.6866

■ 20.9875, 26.3550,
33.6866

249.9450,
284.5204, 333.4587

■ 13.2273, 17.0894,
22.3775

■ 44.5582, 53.8471,
66.5743

■ 7.6633, 10.2983,
13.9336

■ 61.0993, 72.8424,
88.9901

■ 3.9303, 5.5972,
7.9363

■ 81.2981, 95.8497,
115.9451

■ 1.6628, 2.6017,
3.9670

■ 105.5200,
123.2534, 147.8580

■ 0.4328, 0.9275,
1.6073

134.1303,
155.4380, 185.1472

■ 0.0000, 0.0000,
0.2960

167.4943,

■ 0.0000, 0.0000,

192.7877, 228.2314

0.0000

205.9774,
235.6871, 277.5291

■ 20.9875, 26.3550,
33.6866

■ 20.9875, 26.3550,
33.6866

■ 19.5384, 25.4889,
33.5963

■ 22.7432, 27.3809,
33.7925

■ 18.3752, 24.7701,
33.5188

■ 24.8199, 28.5722,
33.9130

■ 17.4785, 24.1892,
33.4540

■ 27.2340, 29.9380,
34.0494

■ 16.8252, 23.7343,
33.4006

■ 30.0001, 31.4857,
34.2024

■ 16.3885, 23.3915,
33.3574

■ 33.1319, 33.2225,
34.3725

■ 16.1059, 23.1288,
33.3216

■ 36.6423, 35.1549,
34.5605

■ 16.0917, 23.1153,
33.3198

■ 40.5437, 37.2895,
34.7669

■ 44.8480, 39.6323,
34.9922

■ 49.5662, 42.1890,
35.2371

Harmonies

Analogous

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



20.7674, 26.3550, 26.6755



20.9875, 26.3550, 33.6866



22.2581, 26.3550, 40.2226

Triad

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



20.9875, 26.3550, 33.6866



28.8041, 26.3550, 37.8360



25.7794, 26.3550, 17.5331

Complementary

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



20.9875, 26.3550, 33.6866



18.8838, 15.4539, 12.1135

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.



28.0653, 26.3550, 19.6133



20.9875, 26.3550, 33.6866



29.8834, 26.3550, 30.8163

Square

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



20.9875, 26.3550, 33.6866



26.7364, 26.3550, 42.8713



29.6048, 26.3550, 24.2246



23.4353, 26.3550, 18.0506

Rectangle

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



20.9875, 26.3550, 33.6866



23.5771, 26.3550, 43.0732



29.6048, 26.3550, 24.2246



26.5822, 26.3550, 17.9376

Sweetspot

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



20.9883, 26.3560, 33.6872



46.8324, 52.1456, 60.0304



17.6183, 25.5226, 14.3544



10.5286, 11.7866, 13.6376



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.9883, 26.3560, 33.6872



34.8513, 45.2107, 59.3233



16.9191, 18.2177, 32.3308



6.3669, 6.9913, 7.9428



13.4970, 19.3907, 27.9391



0.2065, 0.2993, 0.4193

Inverse Universe

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



22.2817, 16.5324, 30.8720



37.4695, 25.5592, 53.5724



21.9642, 21.6147, 13.1403



6.4523, 6.3201, 7.7621



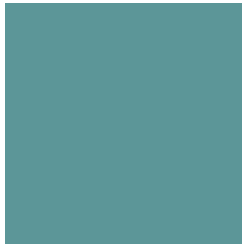
15.2714, 7.3628, 23.7522



0.2307, 0.1110, 0.3676

Previews

White Background



This preview shows how the XYZ color 20.9875, 26.3550, 33.6866 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 20.9875, 26.3550, 33.6866 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 20.9875, 26.3550, 33.6866

Background



This preview shows how black text looks on a background with the XYZ color 20.9875, 26.3550, 33.6866.

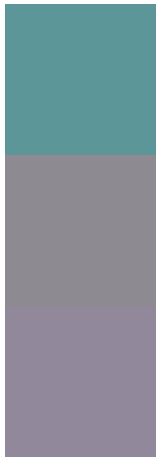


This preview shows how white text looks on a background with the XYZ color 20.9875, 26.3550,

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

20.9875, 26.3550, 33.6866

Protanopia

25.3280, 26.1723, 30.5049

Deuteranopia

26.5746, 26.0859, 34.6448



Tritanopia

21.7966, 26.4478, 37.6743

Trichromacy



Original Color

20.9875, 26.3550, 33.6866

Protanomaly

23.3361, 25.9940, 31.8044

Deuteranomaly

23.9618, 25.8185, 34.2924

Tritanomaly

21.4332, 26.2907, 36.2927

Monochromacy



Original Color

20.9875, 26.3550, 33.6866

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.4375, 24.2102, 28.3541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9875, 26.3550, 33.6866 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(92, 150, 152) looks like.

```
.text, #text, p{  
    color:rgb(92, 150, 152)  
}
```

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(92, 150, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 150, 152) }
```

Border

The CSS property to change the border of an element to XYZ 20.9875, 26.3550, 33.6866 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(92, 150, 152) }
```


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

```
.border{ border-color:rgb(92, 150, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 150, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 150, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 150, 152);  
box-shadow:4px 4px 4px 4px rgb(92, 150,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9875, 26.3550, 33.6866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 150, 152) }
```

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

```
.background{ background-color: rgb(92, 150,  
152) }
```

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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