

Converting Colors

XYZ(20.8020, 25.6054, 26.1026)

Have a look what the booklet for
XYZ(20.8020, 25.6054, 26.1026)
contains.

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Color

**XYZ(20.6969, 25.4394,
26.0098)**

Conversions

Conversions Part 1

Format	Color
Hex	6C9285
RGB	108, 146, 133
RGB Percent	42%, 57%, 52%
CMY	0.5765, 0.4274, 0.4784
CMYK	0.26, 0.00, 0.09, 0.43
HSL	159°, 15%, 50%
HSV	159°, 26%, 57%
XYZ	20.6969, 25.4394, 26.0098
YIQ	133.1560, -18.4750, -12.0990

Conversions

Conversions Part 2

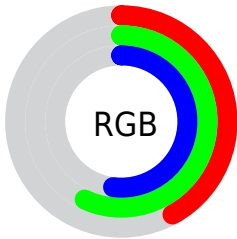
Format	Color
R_{YB}	108, 131, 146
Decimal	7115397
CIE Lab	57.50, -16.00, 2.63
CIE LCh	58, 16.220, 170.666
Yxy	25.4394, 0.2869, 0.3526
Android (android.graphics.Color)	4285305477 (0xFF6C9285)
YUV	133.1560, -0.0769, -22.0618
Hunter-Lab	50.4375, -15.0186, 4.7313

Details

The XYZ color **20.6969, 25.4394, 26.0098** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6687, 18.2173, 20.5172**, and the grayscale version is **22.3568, 23.5211, 25.6145**.

A 20% lighter version of the original color is **44.0144, 52.3273, 54.2347**, and **7.4961, 9.7543, 9.8752** is the 20% darker color. If you saturate the color by 10%, you get **18.7310, 24.4655, 24.1592**, and if you desaturate by 10%, it is **22.9781, 26.5752, 27.9619**.

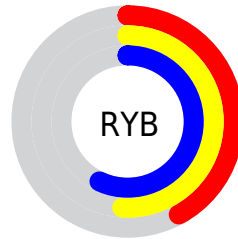
Distribution



Red (42%)

Green (57%)

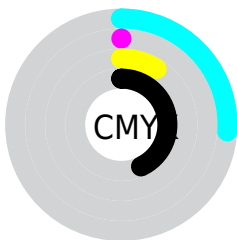
Blue (52%)



Red (42%)

Yellow (51%)

Blue (57%)

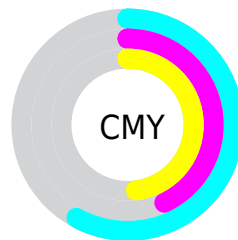


Cyan (26%)

Magenta (0%)

Yellow (9%)

Black (43%)



Cyan (58%)

Magenta (43%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6969, 25.4394, 26.0098 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 20.6969, 25.4394, 26.0098 by changing the saturation by 10% instead.

■ 20.6969, 25.4394,
26.0098

■ 20.6969, 25.4394,
26.0098

248.4256,
280.0192, 296.4372

■ 13.0138, 16.4047,
16.6051

■ 44.0776, 52.3692,
54.2750

■ 7.5151, 9.8110,
9.7944

■ 60.5060, 71.0330,
73.9727

■ 3.8355, 5.2738,
5.1590

■ 80.5802, 93.6755,
97.9384

■ 1.6095, 2.4088,
2.2805

■ 104.6655,
120.6808, 126.5908

■ 0.3986, 0.8304,
0.7203

133.1274,
152.4334, 160.3483

■ 0.0000, 0.0000,
0.0000

166.3311,

189.3178, 199.6295

204.6420,
231.7182, 244.8530

■ 20.6969, 25.4394,
26.0098

■ 20.6969, 25.4394,
26.0098

■ 18.7310, 24.4655,
24.1592

■ 22.9781, 26.5752,
27.9619

■ 17.0631, 23.6428,
22.4066

■ 25.5864, 27.8771,
30.0157

■ 15.6777, 22.9638,
20.7504

■ 28.5356, 29.3528,
32.1734

■ 14.5569, 22.4194,
19.1888

■ 31.8382, 31.0086,
34.4367

■ 13.6806, 21.9993,
17.7195

■ 35.5058, 32.8507,
36.8073

■ 13.0257, 21.6915,
16.3400

■ 39.5497, 34.8847,
39.2867

■ 12.5582, 21.4786,
15.0476

■ 43.9807, 37.1163,
41.8766

■ 12.3930, 21.4042,
14.5566

■ 48.8090, 39.5505,
44.5784

■ 54.0444, 42.1926,
47.3936

Harmonies

Analogous

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



21.4192, 25.4394, 21.4900



20.6969, 25.4394, 26.0098



20.8685, 25.4394, 31.6249

Triad

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



20.6969, 25.4394, 26.0098



25.5138, 25.4394, 38.8897



26.6104, 25.4394, 20.2604

Complementary

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



20.6969, 25.4394, 26.0098



20.6687, 18.2173, 20.5172

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.



27.8232, 25.4394, 24.1126



20.6969, 25.4394, 26.0098



27.1670, 25.4394, 35.0021

Square

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



20.6969, 25.4394, 26.0098



23.5821, 25.4394, 39.5753



28.0321, 25.4394, 29.4602



24.7867, 25.4394, 18.4740

Rectangle

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



20.6969, 25.4394, 26.0098



21.4705, 25.4394, 35.2240



28.0321, 25.4394, 29.4602



27.1071, 25.4394, 21.3304

Sweetspot

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



20.6976, 25.4404, 26.0104



44.1036, 48.6607, 52.1602



20.9138, 25.7283, 18.0516



9.6661, 10.7526, 11.4911



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.



20.6976, 25.4404, 26.0104



34.5022, 43.8809, 44.0331



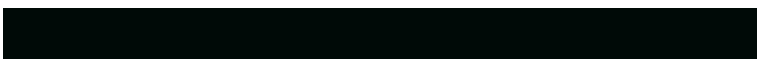
20.7955, 24.1085, 30.7527



5.8806, 6.5289, 6.9824



10.9161, 18.8392, 12.8655



0.1475, 0.2361, 0.2305

Inverse Universe

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



20.6687, 18.2173, 20.5172



34.4441, 29.0088, 32.7298



20.5452, 19.1615, 16.8035



5.8778, 5.8462, 6.4627



10.9470, 5.5839, 3.2021



0.1468, 0.0735, 0.1067

Previews

White Background



This preview shows how the XYZ color 20.6969, 25.4394, 26.0098 looks on a white background.

Color Contrast Check

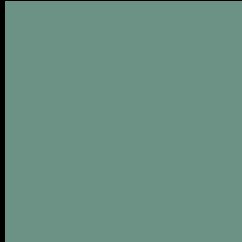
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6969, 25.4394, 26.0098 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

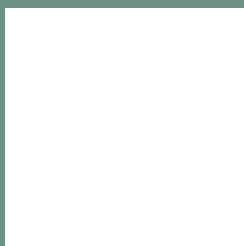
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.6969, 25.4394, 26.0098

Background



This preview shows how black text looks on a background with the XYZ color 20.6969, 25.4394, 26.0098.

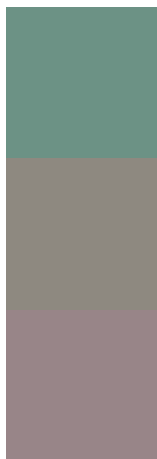


This preview shows how white text looks on a background with the XYZ color 20.6969, 25.4394,

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

20.6969, 25.4394, 26.0098

Protanopia

23.9973, 25.2006, 24.0215

Deuteranopia

25.7804, 25.2280, 26.8033



Tritanopia

22.3373, 25.4228, 34.3016

Trichromacy



Original Color

20.6969, 25.4394, 26.0098

Protanomaly

22.6133, 25.1137, 24.7747

Deuteranomaly

23.6150, 25.1605, 26.5335

Tritanomaly

21.7171, 25.4013, 30.9525

Monochromacy



Original Color

20.6969, 25.4394, 26.0098

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.6343, 24.1555, 25.7125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6969, 25.4394, 26.0098 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(108, 146, 133)` looks like.

```
.text, #text, p{  
    color:rgb(108, 146, 133)  
}
```

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(108, 146, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 146, 133) }
```

Border

The CSS property to change the border of an element to XYZ 20.6969, 25.4394, 26.0098 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(108, 146, 133) }
```


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

```
.border{ border-color:rgb(108, 146, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 146, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 146, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 146, 133);  
box-shadow:4px 4px 4px 4px rgb(108, 146,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6969, 25.4394, 26.0098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 146, 133) }
```

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

```
.background{ background-color: rgb(108,  
146, 133) }
```

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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