

Converting Colors

XYZ(20.3029, 22.6477, 32.5848)

Have a look what the booklet for
XYZ(20.3029, 22.6477, 32.5848)
contains.

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Color

**XYZ(20.3133, 22.6881,
32.5868)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8797
RGB	107, 135, 151
RGB Percent	42%, 53%, 59%
CMY	0.5804, 0.4706, 0.4078
CMYK	0.29, 0.11, 0.00, 0.41
HSL	202°, 17%, 51%
HSV	202°, 29%, 59%
XYZ	20.3133, 22.6881, 32.5868
YIQ	128.4520, -21.8240, -0.9600

Conversions

Conversions Part 2

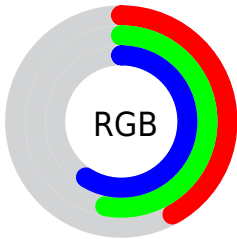
Format	Color
RYB	107, 124, 151
Decimal	7047063
CIELab	54.75, -6.02, -11.80
CIElCh	55, 13.243, 242.985
Yxy	22.6881, 0.2687, 0.3002
Android (android.graphics.Color)	4285237143 (0xFF6B8797)
YUV	128.4520, 11.1162, -18.8134
Hunter-Lab	47.6320, -7.2324, -7.2200

Details

The XYZ color **20.3133, 22.6881, 32.5868** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.4997, 21.8070, 16.9338**, and the grayscale version is **20.6434, 21.7184, 23.6514**.

A 20% lighter version of the original color is **43.3007, 47.7451, 64.6911**, and **7.2937, 8.3166, 13.2774** is the 20% darker color. If you saturate the color by 10%, you get **17.9077, 20.3404, 32.2608**, and if you desaturate by 10%, it is **23.0768, 25.2801, 32.9418**.

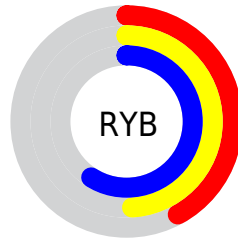
Distribution



Red (42%)

Green (53%)

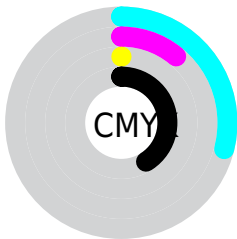
Blue (59%)



Red (42%)

Yellow (49%)

Blue (59%)

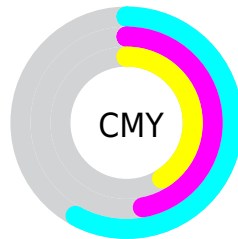


Cyan (29%)

Magenta (11%)

Yellow (0%)

Black (41%)



Cyan (58%)

Magenta (47%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3133, 22.6881, 32.5868 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 20.3133, 22.6881, 32.5868 by changing the saturation by 10% instead.

■ 20.3133, 22.6881,
32.5868

■ 20.3133, 22.6881,
32.5868

246.4075,
266.1189, 328.3584

■ 12.7326, 14.3634,
21.5416

■ 43.4418, 47.8807,
64.8384

■ 7.3204, 8.3738,
13.3254

■ 59.7202, 65.5173,
86.8819

■ 3.7114, 4.3351,
7.5196

■ 79.6287, 87.0267,
113.4286

■ 1.5402, 1.8627,
3.7058

■ 103.5324,
112.7933, 144.8970

■ 0.3529, 0.5258,
1.4654

131.7968,
143.2014, 181.7056

■ 0.0000, 0.0000,
0.1919

164.7872,

■ 0.0000, 0.0000,

178.6354, 224.2730

0.0000

202.8690,
219.4798, 273.0178

■ 20.3133, 22.6881,
32.5868

■ 20.3133, 22.6881,
32.5868

■ 17.9077, 20.3404,
32.2608

■ 23.0768, 25.2801,
32.9418

■ 15.8410, 18.2247,
31.9614

■ 26.2121, 28.1226,
33.3252

■ 14.0951, 16.3312,
31.6879

■ 29.7347, 31.2252,
33.7384

■ 12.6497, 14.6486,
31.4393

■ 33.6585, 34.5958,
34.1822

■ 11.4815, 13.1640,
31.2143

■ 37.9970, 38.2421,
34.6574

■ 10.5638, 11.8626,
31.0115

■ 42.7627, 42.1715,
35.1646

■ 9.8373, 10.7127,
30.8279

■ 47.9678, 46.3909,
35.7047

■ 9.7776, 10.6176,
30.8126

■ 53.6238, 50.9070,
36.2783

■ 59.7420, 55.7265,
36.8861

Harmonies

Analogous

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



19.2927, 22.6881, 29.3476



20.3133, 22.6881, 32.5868



21.7110, 22.6881, 33.6408

Triad

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



20.3133, 22.6881, 32.5868



24.4933, 22.6881, 24.2869



20.0708, 22.6881, 18.5506

Complementary

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



20.3133, 22.6881, 32.5868



22.4997, 21.8070, 16.9338

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.



21.4184, 22.6881, 17.5084



20.3133, 22.6881, 32.5868



24.0077, 22.6881, 20.5771

Square

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



20.3133, 22.6881, 32.5868



24.1652, 22.6881, 28.5412



22.8658, 22.6881, 18.2066



19.1572, 22.6881, 21.2262

Rectangle

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



20.3133, 22.6881, 32.5868



22.6801, 22.6881, 32.8753



22.8658, 22.6881, 18.2066



20.4859, 22.6881, 18.0122

Sweetspot

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



20.3140, 22.6890, 32.5873



46.9170, 50.3411, 59.6777



20.6682, 26.6746, 22.6025



10.4816, 11.2790, 13.5421



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.



20.3140, 22.6890, 32.5873



33.4812, 37.8246, 57.9699



17.6222, 17.3054, 31.6900



6.1956, 6.6486, 7.8857



8.3456, 9.0879, 26.2220



0.1591, 0.2046, 0.4035

Inverse Universe

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



22.3940, 18.8446, 25.3797



37.9120, 30.0782, 42.5167



25.4508, 27.7092, 17.9175



6.3658, 6.2855, 7.3066



12.6713, 6.3227, 10.0597



0.2068, 0.1015, 0.2417

Previews

White Background



This preview shows how the XYZ color 20.3133, 22.6881, 32.5868 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 20.3133, 22.6881, 32.5868 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 20.3133, 22.6881, 32.5868

Background



This preview shows how black text looks on a background with the XYZ color 20.3133, 22.6881, 32.5868.



This preview shows how white text looks on a background with the XYZ color 20.3133, 22.6881,

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

20.3133, 22.6881, 32.5868

Protanopia

22.2300, 22.6926, 31.2254

Deuteranopia

23.1418, 22.7248, 33.3036



Tritanopia

20.0145, 22.7791, 30.9457

Trichromacy



Original Color

20.3133, 22.6881, 32.5868

Protanomaly

21.4218, 22.6655, 31.6796

Deuteranomaly

22.0960, 22.7847, 32.9391

Tritanomaly

20.0933, 22.8106, 31.3608

Monochromacy



Original Color

20.3133, 22.6881, 32.5868

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.3060, 22.0032, 26.4694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3133, 22.6881, 32.5868 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(107, 135, 151)` looks like.

```
.text, #text, p{  
    color:rgb(107, 135, 151)  
}
```

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(107, 135, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 135, 151) }
```

Border

The CSS property to change the border of an element to XYZ 20.3133, 22.6881, 32.5868 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(107, 135, 151) }
```


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

```
.border{ border-color:rgb(107, 135, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 135, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 135, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 135, 151);  
box-shadow:4px 4px 4px 4px rgb(107, 135,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3133, 22.6881, 32.5868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 135, 151) }
```

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

```
.background{ background-color: rgb(107,  
135, 151) }
```

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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