

Converting Colors

XYZ(20.3383, 22.4759, 33.4033)

Have a look what the booklet for
XYZ(20.3383, 22.4759, 33.4033)
contains.

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Color

**XYZ(20.3383, 22.4759,
33.4033)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8699
RGB	107, 134, 153
RGB Percent	42%, 53%, 60%
CMY	0.5804, 0.4745, 0.4000
CMYK	0.30, 0.12, 0.00, 0.40
HSL	205°, 18%, 51%
HSV	205°, 30%, 60%
XYZ	20.3383, 22.4759, 33.4033
YIQ	128.0930, -22.1910, 0.1850

Conversions

Conversions Part 2

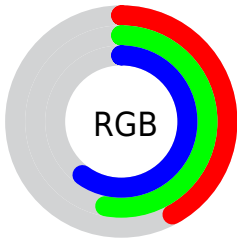
Format	Color
R_{YB}	107, 124, 153
Decimal	7046809
CIE _{Lab}	54.53, -4.94, -13.29
CIE _{LCh}	55, 14.176, 249.610
Yxy	22.4759, 0.2668, 0.2949
Android (android.graphics.Color)	4285236889 (0xFF6B8699)
YUV	128.0930, 12.2792, -18.4986
Hunter-Lab	47.4088, -6.3890, -8.5885

Details

The XYZ color **20.3383, 22.4759, 33.4033** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.2519, 22.7559, 17.0774**, and the grayscale version is **20.5149, 21.5833, 23.5042**.

A 20% lighter version of the original color is **43.3309, 47.4166, 65.9000**, and **7.3135, 8.1995, 13.7676** is the 20% darker color. If you saturate the color by 10%, you get **17.8117, 19.9158, 33.0427**, and if you desaturate by 10%, it is **23.2440, 25.3100, 33.7976**.

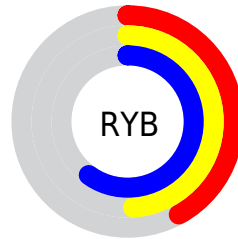
Distribution



Red (42%)

Green (53%)

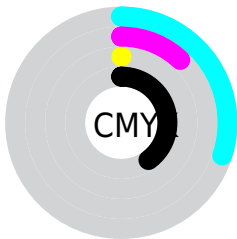
Blue (60%)



Red (42%)

Yellow (49%)

Blue (60%)

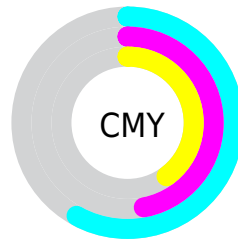


Cyan (30%)

Magenta (12%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (47%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3383, 22.4759, 33.4033 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 20.3383, 22.4759, 33.4033 by changing the saturation by 10% instead.

■ 20.3383, 22.4759,
33.4033

■ 20.3383, 22.4759,
33.4033

246.5395,
265.0216, 332.1507

■ 12.7509, 14.2070,
22.1619

■ 43.4833, 47.5313,
66.1279

■ 7.3330, 8.2648,
13.7765

■ 59.7715, 65.0866,
88.4483

■ 3.7194, 4.2648,
7.8284

■ 79.6908, 86.5062,
115.2987

■ 1.5447, 1.8228,
3.8991

■ 103.6064,
112.1744, 147.0977

■ 0.3559, 0.5013,
1.5702

131.8837,
142.4756, 184.2639

■ 0.0000, 0.0000,
0.2694

164.8881,

■ 0.0000, 0.0000,

177.7943, 227.2157

0.0000

202.9849,
218.5148, 276.3718

■ 20.3383, 22.4759,
33.4033

■ 20.3383, 22.4759,
33.4033

■ 17.8117, 19.9158,
33.0427

■ 23.2440, 25.3100,
33.7976

■ 15.6441, 17.6164,
32.7131

■ 26.5434, 28.4254,
34.2250

■ 13.8165, 15.5670,
32.4139

■ 30.2531, 31.8323,
34.6871

■ 12.3071, 13.7550,
32.1437

■ 34.3878, 35.5396,
35.1847

■ 11.0914, 12.1664,
31.9011

■ 38.9615, 39.5558,
35.7189

■ 10.1410, 10.7848,
31.6845

■ 43.9877, 43.8890,
36.2904

■ 9.3899, 9.5800,
31.4916

■ 49.4791, 48.5469,
36.9000

■ 55.4481, 53.5370,
37.5486

■ 61.9063, 58.8665,
38.2369

Harmonies

Analogous

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



19.1421, 22.4759, 30.3446



20.3383, 22.4759, 33.4033



21.8654, 22.4759, 33.9180

Triad

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



20.3383, 22.4759, 33.4033



24.4467, 22.4759, 23.0713



19.5135, 22.4759, 18.4533

Complementary

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



20.3383, 22.4759, 33.4033



23.2519, 22.7559, 17.0774

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.



20.8677, 22.4759, 16.9667



20.3383, 22.4759, 33.4033



23.7486, 22.4759, 19.4113

Square

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



20.3383, 22.4759, 33.4033



24.2881, 22.4759, 27.5771



22.4209, 22.4759, 17.2948



18.6822, 22.4759, 21.6100

Rectangle

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



20.3383, 22.4759, 33.4033



22.8735, 22.4759, 32.6930



22.4209, 22.4759, 17.2948



19.9199, 22.4759, 17.7602

Sweetspot

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



20.3390, 22.4768, 33.4038



48.0945, 51.4254, 61.3632



21.1825, 27.3996, 23.7091



10.4328, 11.1813, 13.5258



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.



20.3390, 22.4768, 33.4038



33.3425, 37.1511, 59.3855



17.5639, 16.9267, 32.4788



6.1705, 6.5985, 7.8774



7.7939, 7.9844, 26.0381



0.1523, 0.1909, 0.4012

Inverse Universe

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



22.6982, 19.0096, 25.0281



38.3464, 30.2606, 41.5166



26.4439, 29.1398, 18.1414



6.3532, 6.2804, 7.2401



12.3927, 6.2113, 8.5932



0.2033, 0.1001, 0.2235

Previews

White Background



This preview shows how the XYZ color 20.3383, 22.4759, 33.4033 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 20.3383, 22.4759, 33.4033 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

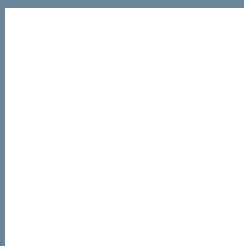
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.3383, 22.4759, 33.4033

Background



This preview shows how black text looks on a background with the XYZ color 20.3383, 22.4759, 33.4033.



This preview shows how white text looks on a background with the XYZ color 20.3383, 22.4759,

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

20.3383, 22.4759, 33.4033

Protanopia

22.1077, 22.4145, 32.0154

Deuteranopia

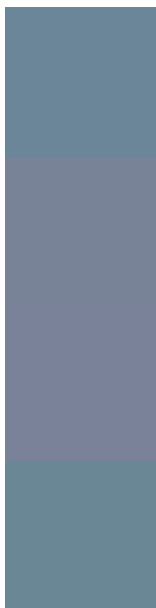
22.7822, 22.3371, 33.6826



Tritanopia

19.6780, 22.4065, 30.4819

Trichromacy



Original Color

20.3383, 22.4759, 33.4033

Protanomaly

21.4479, 22.4600, 32.4829

Deuteranomaly

21.8414, 22.4359, 33.7513

Tritanomaly

20.0326, 22.5620, 31.7328

Monochromacy



Original Color

20.3383, 22.4759, 33.4033

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.2437, 21.7645, 26.8009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3383, 22.4759, 33.4033 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, 134, 153)` looks like.

```
.text, #text, p{  
    color:rgb(107, 134, 153)  
}
```

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, 134, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 134, 153) }
```

Border

The CSS property to change the border of an element to XYZ 20.3383, 22.4759, 33.4033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

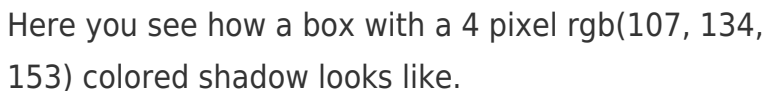
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 134, 153) }
```


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

```
.border{ border-color:rgb(107, 134, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 134, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 134, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 134, 153);  
box-shadow:4px 4px 4px 4px rgb(107, 134,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3383, 22.4759, 33.4033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 134, 153) }
```

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

```
.background{ background-color: rgb(107,  
134, 153) }
```

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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