

Converting Colors

XYZ(20.5771, 23.3977, 27.3685)

Have a look what the booklet for
XYZ(20.5771, 23.3977, 27.3685)
contains.

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Color

**XYZ(20.6033, 23.3711,
27.4699)**

Conversions

Conversions Part 1

Format	Color
Hex	73898A
RGB	115, 137, 138
RGB Percent	45%, 54%, 54%
CMY	0.5490, 0.4627, 0.4588
CMYK	0.17, 0.01, 0.00, 0.46
HSL	183°, 9%, 50%
HSV	183°, 17%, 54%
XYZ	20.6033, 23.3711, 27.4699
YIQ	130.5360, -13.4330, -4.3530

Conversions

Conversions Part 2

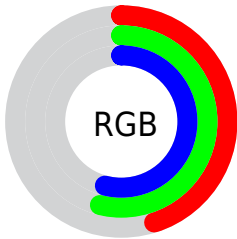
Format	Color
R_{YB}	115, 126, 138
Decimal	7571850
CIE Lab	55.45, -7.63, -3.18
CIE LCh	55, 8.266, 202.636
Yxy	23.3711, 0.2884, 0.3271
Android (android.graphics.Color)	4285761930 (0xFF73898A)
YUV	130.5360, 3.6798, -13.6251
Hunter-Lab	48.3437, -8.5276, 0.1507

Details

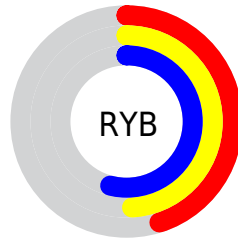
The XYZ color **20.6033, 23.3711, 27.4699** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.8213, 19.1318, 18.8681**, and the grayscale version is **21.3994, 22.5138, 24.5175**.

A 20% lighter version of the original color is **43.7538, 48.8040, 56.4043**, and **7.4164, 8.6792, 10.5169** is the 20% darker color. If you saturate the color by 10%, you get **18.8381, 22.3357, 27.3635**, and if you desaturate by 10%, it is **22.6421, 24.5495, 27.5903**.

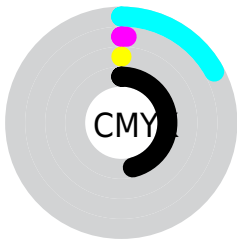
Distribution



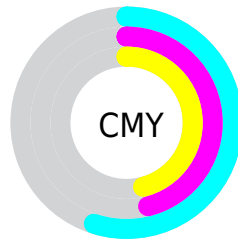
- Red (45%)
- Green (54%)
- Blue (54%)



- Red (45%)
- Yellow (49%)
- Blue (54%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (46%)



- Cyan (55%)
- Magenta (46%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6033, 23.3711, 27.4699 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 20.6033, 23.3711, 27.4699 by changing the saturation by 10% instead.

■ 20.6033, 23.3711,
27.4699

■ 20.6033, 23.3711,
27.4699

247.9345,
269.6254, 303.7570

■ 12.9451, 14.8678,
17.6909

■ 43.9226, 49.0020,
56.6499

■ 7.4675, 8.7266,
10.5612

■ 60.3145, 66.8983,
76.8879

■ 3.8051, 4.5633,
5.6621

■ 80.3484, 88.6944,
101.4494

■ 1.5925, 1.9934,
2.5753

104.3896,
114.7746, 130.7528

■ 0.3875, 0.6036,
0.8797

132.8034,
145.5235, 165.2167

■ 0.0000, 0.0000,
0.0000

165.9553,

181.3253, 205.2597

204.2105,
222.5644, 251.3003

■ 20.6033, 23.3711,
27.4699

■ 20.6033, 23.3711,
27.4699

■ 18.8381, 22.3357,
27.3635

■ 22.6421, 24.5495,
27.5903

■ 17.3323, 21.4341,
27.2688

■ 24.9636, 25.8737,
27.7235

■ 16.0737, 20.6606,
27.1858

■ 27.5792, 27.3503,
27.8707

■ 15.0483, 20.0081,
27.1139

■ 30.4991, 28.9843,
28.0322

■ 14.2406, 19.4685,
27.0523

■ 33.7327, 30.7809,
28.2085

■ 13.6332, 19.0328,
27.0003

■ 37.2894, 32.7447,
28.4001

■ 13.2062, 18.6908,
26.9568

■ 41.1779, 34.8802,
28.6074

■ 12.9252, 18.4248,
26.9202

■ 45.4067, 37.1919,
28.8307

■ 12.8405, 18.3409,
26.9085

■ 49.9839, 39.6839,
29.0704

Harmonies

Analogous

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



20.4865, 23.3711, 24.7962



20.6033, 23.3711, 27.4699



21.1457, 23.3711, 29.7393

Triad

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



20.6033, 23.3711, 27.4699



23.6656, 23.3711, 28.6841



22.4436, 23.3711, 20.6977

Complementary

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



20.6033, 23.3711, 27.4699



19.8213, 19.1318, 18.8681

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.



23.3167, 23.3711, 21.5893



20.6033, 23.3711, 27.4699



24.0350, 23.3711, 26.1094

Square

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



20.6033, 23.3711, 27.4699



22.9090, 23.3711, 30.4737



23.9055, 23.3711, 23.5262



21.5323, 23.3711, 21.0062

Rectangle

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



20.6033, 23.3711, 27.4699



21.6840, 23.3711, 30.6558



23.9055, 23.3711, 23.5262



22.7516, 23.3711, 20.8647

Sweetspot

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



20.6040, 23.3721, 27.4704



40.5148, 43.6189, 48.6671



19.2979, 23.0777, 19.8896



9.0343, 9.7531, 10.9127



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



20.6040, 23.3721, 27.4704



35.0917, 40.4811, 48.3473



19.0848, 20.3338, 26.9640



5.1546, 5.6521, 6.4251



11.7755, 16.8214, 24.6719



0.0809, 0.1171, 0.1648

Inverse Universe

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



21.1278, 19.4713, 26.3128



36.1984, 32.2815, 45.8924



21.2000, 21.8892, 19.3277



5.2246, 5.1253, 6.2714



13.4306, 6.4823, 20.5694



0.0906, 0.0436, 0.1437

Previews

White Background



This preview shows how the XYZ color 20.6033, 23.3711, 27.4699 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 20.6033, 23.3711, 27.4699 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

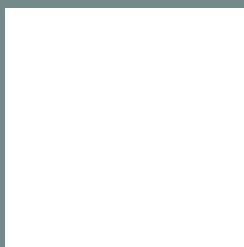
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.6033, 23.3711, 27.4699

Background



This preview shows how black text looks on a background with the XYZ color 20.6033, 23.3711, 27.4699.



This preview shows how white text looks on a background with the XYZ color 20.6033, 23.3711,

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

20.6033, 23.3711, 27.4699

Protanopia

22.4560, 23.3201, 26.2393

Deuteranopia

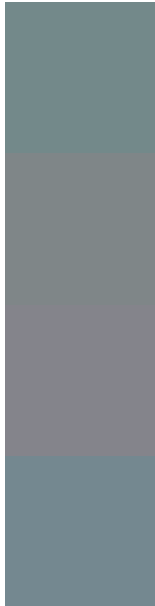
23.7392, 23.3447, 28.0657



Tritanopia

21.4067, 23.4968, 31.0108

Trichromacy



Original Color

20.6033, 23.3711, 27.4699

Protanomaly

21.7214, 23.3398, 26.6527

Deuteranomaly

22.4272, 23.2721, 27.7360

Tritanomaly

21.0407, 23.3349, 29.7807

Monochromacy



Original Color

20.6033, 23.3711, 27.4699

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.1481, 22.8563, 25.8513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6033, 23.3711, 27.4699 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(115, 137, 138)` looks like.

```
.text, #text, p{  
    color:rgb(115, 137, 138)  
}
```

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(115, 137, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 137, 138) }
```

Border

The CSS property to change the border of an element to XYZ 20.6033, 23.3711, 27.4699 is called "border". The border property can be set on classes, ids or directly on the HTML element.

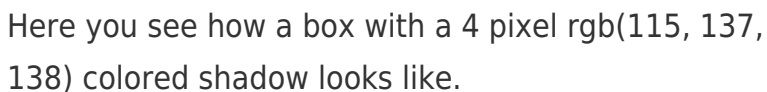
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 137, 138) }
```


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

```
.border{ border-color:rgb(115, 137, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 137, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 137, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 137, 138); box-shadow:4px 4px 4px 4px rgb(115, 137, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6033, 23.3711, 27.4699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 137, 138) }
```

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

```
.background{ background-color: rgb(115,  
137, 138) }
```

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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