

Converting Colors

XYZ(20.2879, 21.6447, 33.2455)

Have a look what the booklet for
XYZ(20.2879, 21.6447, 33.2455)
contains.

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Color

**XYZ(20.2879, 21.6447,
33.2455)**

Conversions

Conversions Part 1

Format	Color
Hex	6F8299
RGB	111, 130, 153
RGB Percent	44%, 51%, 60%
CMY	0.5647, 0.4902, 0.4000
CMYK	0.27, 0.15, 0.00, 0.40
HSL	213°, 17%, 52%
HSV	213°, 27%, 60%
XYZ	20.2879, 21.6447, 33.2455
YIQ	126.9410, -18.7070, 3.1250

Conversions

Conversions Part 2

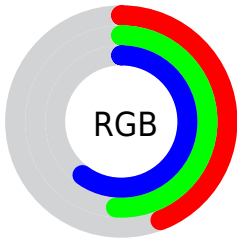
Format	Color
R_{YB}	111, 124, 153
Decimal	7307929
CIE _{Lab}	53.65, -1.39, -14.59
CIE _{LCh}	54, 14.659, 264.553
Yxy	21.6447, 0.2699, 0.2879
Android (android.graphics.Color)	4285498009 (0xFF6F8299)
YUV	126.9410, 12.8471, -13.9803
Hunter-Lab	46.5239, -3.5774, -9.8014

Details

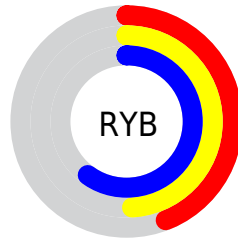
The XYZ color **20.2879, 21.6447, 33.2455** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.5313, 24.9701, 18.5661**, and the grayscale version is **20.1150, 21.1625, 23.0460**.

A 20% lighter version of the original color is **43.3002, 46.1585, 65.6588**, and **7.3273, 7.8683, 13.7029** is the 20% darker color. If you saturate the color by 10%, you get **17.4559, 18.5977, 32.8070**, and if you desaturate by 10%, it is **23.5418, 25.0450, 33.7307**.

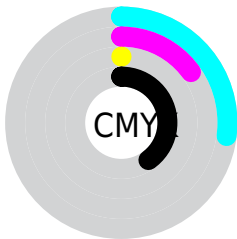
Distribution



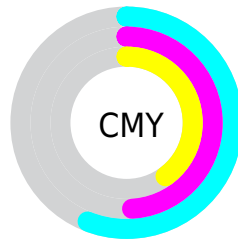
- Red (44%)
- Green (51%)
- Blue (60%)



- Red (44%)
- Yellow (49%)
- Blue (60%)



- Cyan (27%)
- Magenta (15%)
- Yellow (0%)
- Black (40%)



- Cyan (56%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2879, 21.6447, 33.2455 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 20.2879, 21.6447, 33.2455 by changing the saturation by 10% instead.

■ 20.2879, 21.6447,
33.2455

■ 20.2879, 21.6447,
33.2455

246.2734,
260.6852, 331.4204

■ 12.7140, 13.5961,
22.0419

■ 43.3996, 46.1581,
65.8790

■ 7.3075, 7.8403,
13.6891

■ 59.6681, 63.3916,
88.1461

■ 3.7032, 3.9929,
7.7685

■ 79.5655, 84.4555,
114.9381

■ 1.5356, 1.6696,
3.8615

■ 103.4572,
109.7342, 146.6735

■ 0.3499, 0.4039,
1.5497

131.7084,
139.6122, 183.7709

■ 0.0000, 0.0000,
0.2545

164.6846,

■ 0.0000, 0.0000,

174.4737, 226.6488

0.0000

202.7512,
214.7032, 275.7258

■ 20.2879, 21.6447,
33.2455

■ 20.2879, 21.6447,
33.2455

■ 17.4559, 18.5977,
32.8070

■ 23.5418, 25.0450,
33.7307

■ 15.0248, 15.8884,
32.4122

■ 27.2332, 28.8080,
34.2625

■ 12.9748, 13.5037,
32.0599

■ 31.3794, 32.9464,
34.8427

■ 11.2833, 11.4286,
31.7486

■ 35.9962, 37.4710,
35.4727

■ 9.9252, 9.6466,
31.4762

■ 41.0985, 42.3924,
36.1537

■ 8.8716, 8.1390,
31.2407

■ 46.7005, 47.7206,
36.8869

■ 8.0747, 6.8771,
31.0391

■ 52.8159, 53.4653,
37.6734

■ 7.8916, 6.5834,
30.9921

■ 59.4578, 59.6359,
38.5144

■ 66.6389, 66.2415,
39.4109

Harmonies

Analogous

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



18.8739, 21.6447, 31.3208



20.2879, 21.6447, 33.2455



21.8505, 21.6447, 32.3216

Triad

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



20.2879, 21.6447, 33.2455



23.4373, 21.6447, 20.1599



18.2140, 21.6447, 18.9080

Complementary

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



20.2879, 21.6447, 33.2455



24.5313, 24.9701, 18.5661

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.



19.3456, 21.6447, 16.5565



20.2879, 21.6447, 33.2455



22.3703, 21.6447, 17.2124

Square

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



20.2879, 21.6447, 33.2455



23.7208, 21.6447, 24.3962



20.8600, 21.6447, 15.9774



17.7161, 21.6447, 22.7576

Rectangle

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



20.2879, 21.6447, 33.2455



22.7601, 21.6447, 30.2682



20.8600, 21.6447, 15.9774



18.5300, 21.6447, 17.9366

Sweetspot

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



20.2886, 21.6456, 33.2460



48.2768, 51.0926, 61.2894



22.2085, 27.8669, 26.5442



10.4453, 11.0646, 13.5026



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.



20.2886, 21.6456, 33.2460



33.1015, 35.3066, 59.0422



18.1677, 17.1403, 32.4882



6.1031, 6.4636, 7.8549



6.5547, 5.5062, 25.6250



0.1337, 0.1536, 0.3950

Inverse Universe

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



22.8511, 19.7534, 23.7285



38.5574, 31.6185, 38.7017



27.1350, 30.5674, 19.5093



6.3192, 6.2668, 7.0608



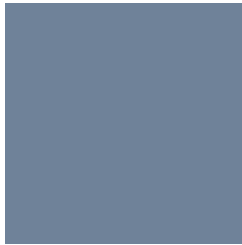
11.7673, 5.9612, 5.2996



0.1939, 0.0963, 0.1740

Previews

White Background



This preview shows how the XYZ color 20.2879, 21.6447, 33.2455 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 20.2879, 21.6447, 33.2455 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

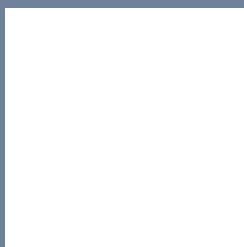
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.2879, 21.6447, 33.2455

Background



This preview shows how black text looks on a background with the XYZ color 20.2879, 21.6447, 33.2455.



This preview shows how white text looks on a background with the XYZ color 20.2879, 21.6447,

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

20.2879, 21.6447, 33.2455

Protanopia

21.3437, 21.6241, 32.3271

Deuteranopia

21.9187, 21.5124, 33.5689



Tritanopia

19.4404, 21.7067, 28.7564

Trichromacy



Original Color

20.2879, 21.6447, 33.2455

Protanomaly

20.9944, 21.6273, 32.7737

Deuteranomaly

21.3073, 21.5768, 33.6136

Tritanomaly

19.7350, 21.6229, 30.3276

Monochromacy



Original Color

20.2879, 21.6447, 33.2455

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.0483, 21.2809, 26.3435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2879, 21.6447, 33.2455 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(111, 130, 153)` looks like.

```
.text, #text, p{  
    color:rgb(111, 130, 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(111, 130, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 130, 153) }
```

Border

The CSS property to change the border of an element to XYZ 20.2879, 21.6447, 33.2455 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(111, 130, 153) }
```


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

```
.border{ border-color:rgb(111, 130, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 130, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 130, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 130, 153);  
box-shadow:4px 4px 4px 4px rgb(111, 130,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2879, 21.6447, 33.2455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 130, 153) }
```

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

```
.background{ background-color: rgb(111,  
130, 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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