

Converting Colors

XYZ(20.2753, 23.7745, 30.7145)

Have a look what the booklet for
XYZ(20.2753, 23.7745, 30.7145)
contains.

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Color

**XYZ(20.2753, 23.7745,
30.7145)**

Conversions

Conversions Part 1

Format	Color
Hex	688C92
RGB	104, 140, 146
RGB Percent	41%, 55%, 57%
CMY	0.5921, 0.4510, 0.4274
CMYK	0.29, 0.04, 0.00, 0.43
HSL	189°, 17%, 49%
HSV	189°, 29%, 57%
XYZ	20.2753, 23.7745, 30.7145
YIQ	129.9200, -23.3820, -5.7660

Conversions

Conversions Part 2

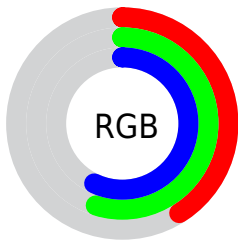
Format	Color
RYB	104, 123, 146
Decimal	6851730
CIELab	55.86, -10.99, -7.27
CIELCh	56, 13.179, 213.470
Yxy	23.7745, 0.2712, 0.3180
Android (android.graphics.Color)	4285041810 (0xFF688C92)
YUV	129.9200, 7.9274, -22.7318
Hunter-Lab	48.7591, -11.1035, -3.2168

Details

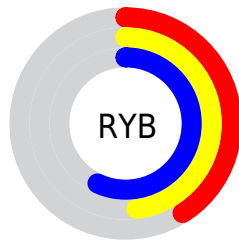
The XYZ color **20.2753, 23.7745, 30.7145** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.9290, 18.2626, 15.5719**, and the grayscale version is **21.1691, 22.2716, 24.2538**.

A 20% lighter version of the original color is **43.4274, 49.8216, 61.9712**, and **7.3430, 8.9691, 12.4105** is the 20% darker color. If you saturate the color by 10%, you get **18.4235, 22.3724, 30.5419**, and if you desaturate by 10%, it is **22.4277, 25.3414, 30.9039**.

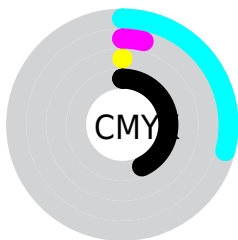
Distribution



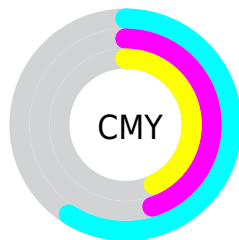
- Red (41%)
- Green (55%)
- Blue (57%)



- Red (41%)
- Yellow (48%)
- Blue (57%)



- Cyan (29%)
- Magenta (4%)
- Yellow (0%)
- Black (43%)



- Cyan (59%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2753, 23.7745, 30.7145 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 20.2753, 23.7745, 30.7145 by changing the saturation by 10% instead.

■ 20.2753, 23.7745,
30.7145

■ 20.2753, 23.7745,
30.7145

246.2069,
271.6784, 319.5312

■ 12.7047, 15.1664,
20.1249

■ 43.3787, 49.6620,
61.8646

■ 7.3011, 8.9363,
12.3009

■ 59.6422, 67.7102,
83.2622

■ 3.6991, 4.6996,
6.8239

■ 79.5342, 89.6738,
109.0995

■ 1.5334, 2.0721,
3.2755

■ 103.4198,
115.9374, 139.7951

■ 0.3484, 0.6489,
1.2369

131.6646,
146.8852, 175.7676

■ 0.0000, 0.0000,
0.0093

164.6337,

■ 0.0000, 0.0000,

182.9018, 217.4354

0.0000

202.6927,
224.3714, 265.2171

■ 20.2753, 23.7745,
30.7145

■ 20.2753, 23.7745,
30.7145

■ 18.4235, 22.3724,
30.5419

■ 22.4277, 25.3414,
30.9039

■ 16.8551, 21.1243,
30.3836

■ 24.8927, 27.0774,
31.1091

■ 15.5542, 20.0226,
30.2395

■ 27.6842, 28.9904,
31.3312

■ 14.5027, 19.0579,
30.1087

■ 30.8145, 31.0867,
31.5708

■ 13.6799, 18.2195,
29.9903

■ 34.2954, 33.3726,
31.8286

■ 13.0619, 17.4950,
29.8830

■ 38.1380, 35.8538,
32.1050

■ 12.5960, 16.8572,
29.7845

■ 42.3531, 38.5358,
32.4005

■ 12.5408, 16.7802,
29.7725

■ 46.9509, 41.4240,
32.7156

■ 51.9412, 44.5234,
33.0509

Harmonies

Analogous

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



19.8385, 23.7745, 26.3896



20.2753, 23.7745, 30.7145



21.3329, 23.7745, 34.0027

Triad

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



20.2753, 23.7745, 30.7145



25.2770, 23.7745, 29.7542



22.4228, 23.7745, 18.4855

Complementary

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



20.2753, 23.7745, 30.7145



19.9290, 18.2626, 15.5719

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.



23.9099, 23.7745, 19.1768



20.2753, 23.7745, 30.7145



25.6000, 23.7745, 25.3896

Square

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



20.2753, 23.7745, 30.7145



24.2253, 23.7745, 33.4066



25.0894, 23.7745, 21.5928



21.0433, 23.7745, 19.5890

Rectangle

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



20.2753, 23.7745, 30.7145



22.2705, 23.7745, 34.9911



25.0894, 23.7745, 21.5928



22.9266, 23.7745, 18.5162

Sweetspot

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



20.2760, 23.7755, 30.7150



43.7207, 47.6333, 54.8634



18.7810, 24.6184, 18.4004



9.5925, 10.5034, 12.1940



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.



20.2760, 23.7755, 30.7150



33.4456, 40.1940, 53.9690



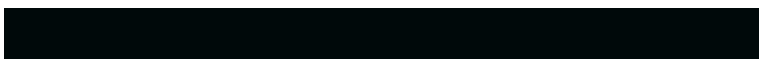
17.5423, 18.3080, 29.8038



5.8943, 6.4225, 7.3987



11.0481, 14.7909, 26.2037



0.1508, 0.2122, 0.3259

Inverse Universe

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



21.5386, 17.9057, 27.1329



36.1159, 28.1265, 46.3150



22.4159, 23.2364, 16.4009



6.0001, 5.8951, 7.1065



13.7036, 6.6865, 17.7182



0.1756, 0.0850, 0.2582

Previews

White Background



This preview shows how the XYZ color 20.2753, 23.7745, 30.7145 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 20.2753, 23.7745, 30.7145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

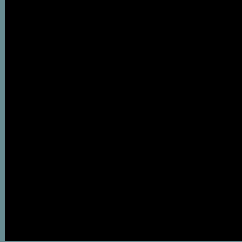
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.2753, 23.7745, 30.7145

Background



This preview shows how black text looks on a background with the XYZ color 20.2753, 23.7745, 30.7145.



This preview shows how white text looks on a background with the XYZ color 20.2753, 23.7745,

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

20.2753, 23.7745, 30.7145

Protanopia

22.8681, 23.6847, 28.5656

Deuteranopia

24.1431, 23.6788, 31.3150



Tritanopia

20.5633, 23.6705, 32.3392

Trichromacy



Original Color

20.2753, 23.7745, 30.7145

Protanomaly

21.7881, 23.7291, 29.4184

Deuteranomaly

22.5440, 23.6688, 30.9841

Tritanomaly

20.4831, 23.6384, 31.9169

Monochromacy



Original Color

20.2753, 23.7745, 30.7145

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.8542, 22.8927, 26.6122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2753, 23.7745, 30.7145 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(104, 140, 146)` looks like.

```
.text, #text, p{  
    color:rgb(104, 140, 146)  
}
```

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(104, 140, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 140, 146) }
```

Border

The CSS property to change the border of an element to XYZ 20.2753, 23.7745, 30.7145 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(104, 140, 146) }
```


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

```
.border{ border-color:rgb(104, 140, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 140, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 140, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 140, 146);  
box-shadow:4px 4px 4px 4px rgb(104, 140,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2753, 23.7745, 30.7145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 140, 146) }
```

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

```
.background{ background-color: rgb(104,  
140, 146) }
```

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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