

Converting Colors

XYZ(20.7156, 23.8102, 30.4480)

Have a look what the booklet for
XYZ(20.7156, 23.8102, 30.4480)
contains.

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Color

**XYZ(20.6501, 23.7608,
30.2860)**

Conversions

Conversions Part 1

Format	Color
Hex	6D8B91
RGB	109, 139, 145
RGB Percent	43%, 55%, 57%
CMY	0.5725, 0.4549, 0.4314
CMYK	0.25, 0.04, 0.00, 0.43
HSL	190°, 14%, 50%
HSV	190°, 25%, 57%
XYZ	20.6501, 23.7608, 30.2860
YIQ	130.7140, -19.8060, -4.4940

Conversions

Conversions Part 2

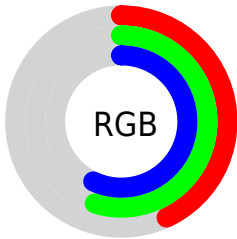
Format	Color
R _Y B	109, 125, 145
Decimal	7179153
CIE Lab	55.85, -9.10, -6.68
CIE LCh	56, 11.292, 216.264
Yxy	23.7608, 0.2765, 0.3181
Android (android.graphics.Color)	4285369233 (0xFF6D8B91)
YUV	130.7140, 7.0430, -19.0432
Hunter-Lab	48.7451, -9.6850, -2.7162

Details

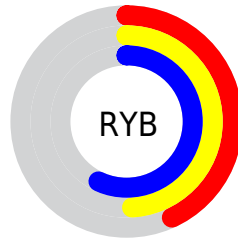
The XYZ color **20.6501, 23.7608, 30.2860** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.5683, 19.3853, 17.1260**, and the grayscale version is **21.4527, 22.5699, 24.5787**.

A 20% lighter version of the original color is **44.0767, 49.8405, 61.3299**, and **7.5014, 8.9316, 12.1551** is the 20% darker color. If you saturate the color by 10%, you get **18.6656, 22.2248, 30.0945**, and if you desaturate by 10%, it is **22.9380, 25.4659, 30.4949**.

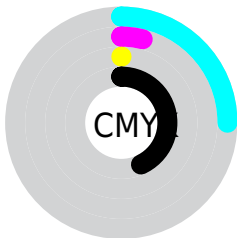
Distribution



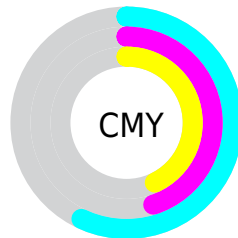
- Red (43%)
- Green (55%)
- Blue (57%)



- Red (43%)
- Yellow (49%)
- Blue (57%)



- Cyan (25%)
- Magenta (4%)
- Yellow (0%)
- Black (43%)



- Cyan (57%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6501, 23.7608, 30.2860 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 20.6501, 23.7608, 30.2860 by changing the saturation by 10% instead.

■ 20.6501, 23.7608,
30.2860

■ 20.6501, 23.7608,
30.2860

248.1801,
271.6089, 317.4840

■ 12.9795, 15.1563,
19.8019

■ 44.0002, 49.6396,
61.1805

■ 7.4913, 8.9291,
12.0685

■ 60.4103, 67.6826,
82.4280

■ 3.8203, 4.6950,
6.6672

■ 80.4643, 89.6406,
108.1003

■ 1.6010, 2.0694,
3.1796

■ 104.5276,
115.8980, 138.6161

■ 0.3930, 0.6474,
1.1871

132.9654,
146.8391, 174.3938

■ 0.0000, 0.0000,
0.0000

166.1432,

182.8484, 215.8520

204.4264,
224.3102, 263.4092

■ 20.6501, 23.7608,
30.2860

■ 20.6501, 23.7608,
30.2860

■ 18.6656, 22.2248,
30.0945

■ 22.9380, 25.4659,
30.4949

■ 16.9680, 20.8474,
29.9181

■ 25.5407, 27.3443,
30.7203

■ 15.5423, 19.6216,
29.7567

■ 28.4715, 29.4034,
30.9633

■ 14.3712, 18.5383,
29.6093

■ 31.7424, 31.6496,
31.2245

■ 13.4356, 17.5875,
29.4751

■ 35.3648, 34.0887,
31.5043

■ 12.7132, 16.7578,
29.3530

■ 39.3494, 36.7264,
31.8034

■ 12.1756, 16.0343,
29.2417

■ 43.7065, 39.5680,
32.1223

■ 11.9291, 15.6807,
29.1864

■ 48.4462, 42.6188,
32.4613

■ 53.5779, 45.8837,
32.8211

Harmonies

Analogous

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



20.2163, 23.7608, 26.6512



20.6501, 23.7608, 30.2860



21.6041, 23.7608, 32.9033

Triad

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



20.6501, 23.7608, 30.2860



24.9216, 23.7608, 28.8250



22.3154, 23.7608, 19.4569

Complementary

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



20.6501, 23.7608, 30.2860



20.5683, 19.3853, 17.1260

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.



23.5929, 23.7608, 19.9205



20.6501, 23.7608, 30.2860



25.1296, 23.7608, 25.1072

Square

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



20.6501, 23.7608, 30.2860



24.0769, 23.7608, 32.0054



24.6349, 23.7608, 21.9082



21.1540, 23.7608, 20.5761

Rectangle

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



20.6501, 23.7608, 30.2860



22.4234, 23.7608, 33.5929



24.6349, 23.7608, 21.9082



22.7453, 23.7608, 19.4344

Sweetspot

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



20.6508, 23.7618, 30.2865



44.6066, 48.1605, 54.9184



19.4926, 24.7265, 19.7849



9.8706, 10.6761, 12.2127



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.



20.6508, 23.7618, 30.2865



34.8564, 40.9216, 54.0351



18.3284, 19.1170, 29.5124



5.4849, 5.9655, 6.8911



10.2479, 13.4818, 25.0392



0.1111, 0.1552, 0.2438

Inverse Universe

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



21.8064, 18.8216, 26.9108



37.3392, 30.5730, 46.7233



22.7434, 23.7355, 17.8511



5.5882, 5.4958, 6.5955



12.9758, 6.3473, 16.0557



0.1307, 0.0633, 0.1884

Previews

White Background



This preview shows how the XYZ color 20.6501, 23.7608, 30.2860 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 20.6501, 23.7608, 30.2860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

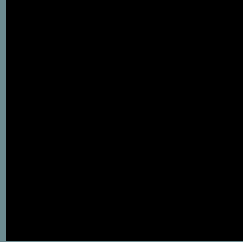
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

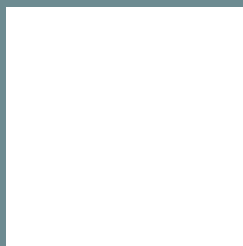
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.6501, 23.7608, 30.2860

Background



This preview shows how black text looks on a background with the XYZ color 20.6501, 23.7608, 30.2860.



This preview shows how white text looks on a background with the XYZ color 20.6501, 23.7608,

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

20.6501, 23.7608, 30.2860

Protanopia

23.0268, 23.7665, 28.5731

Deuteranopia

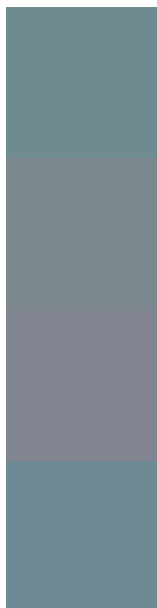
24.0643, 23.6473, 30.8998



Tritanopia

20.9437, 23.6619, 31.8971

Trichromacy



Original Color

20.6501, 23.7608, 30.2860

Protanomaly

22.0039, 23.6409, 28.9946

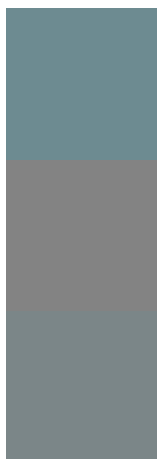
Deuteranomaly

22.6291, 23.5175, 30.5408

Tritanomaly

20.8642, 23.6301, 31.4784

Monochromacy



Original Color

20.6501, 23.7608, 30.2860

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.1374, 23.0387, 26.6254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6501, 23.7608, 30.2860 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(109, 139, 145)` looks like.

```
.text, #text, p{  
    color:rgb(109, 139, 145)  
}
```

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(109, 139, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 139, 145) }
```

Border

The CSS property to change the border of an element to XYZ 20.6501, 23.7608, 30.2860 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(109, 139, 145) }
```


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

```
.border{ border-color:rgb(109, 139, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 139, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 139, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 139, 145);  
box-shadow:4px 4px 4px 4px rgb(109, 139,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6501, 23.7608, 30.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 139, 145) }
```

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

```
.background{ background-color: rgb(109,  
139, 145) }
```

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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