

Converting Colors

XYZ(20.7495, 23.5698, 30.4057)

Have a look what the booklet for
XYZ(20.7495, 23.5698, 30.4057)
contains.

XYZ(20.7549, 23.6008, 30.2496)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.7549, 23.6008,
30.2496)**

Conversions

Conversions Part 1

Format	Color
Hex	6F8A91
RGB	111, 138, 145
RGB Percent	44%, 54%, 57%
CMY	0.5647, 0.4588, 0.4314
CMYK	0.23, 0.05, 0.00, 0.43
HSL	192°, 13%, 50%
HSV	192°, 23%, 57%
XYZ	20.7549, 23.6008, 30.2496
YIQ	130.7250, -18.3390, -3.5470

Conversions

Conversions Part 2

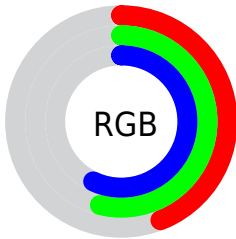
Format	Color
R _Y B	111, 126, 145
Decimal	7309969
CIE Lab	55.69, -7.90, -6.91
CIE LCh	56, 10.493, 221.157
Yxy	23.6008, 0.2782, 0.3163
Android (android.graphics.Color)	4285500049 (0xFF6F8A91)
YUV	130.7250, 7.0376, -17.2988
Hunter-Lab	48.5807, -8.7564, -2.9115

Details

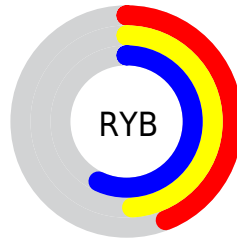
The XYZ color **20.7549, 23.6008, 30.2496** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.0251, 20.1245, 17.8158**, and the grayscale version is **21.4563, 22.5737, 24.5828**.

A 20% lighter version of the original color is **44.0439, 49.1717, 61.2025**, and **7.5419, 8.8298, 12.1333** is the 20% darker color. If you saturate the color by 10%, you get **18.6543, 21.8915, 30.0308**, and if you desaturate by 10%, it is **23.1649, 25.4883, 30.4873**.

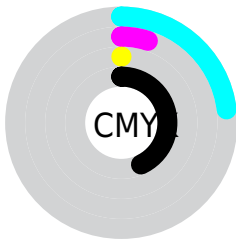
Distribution



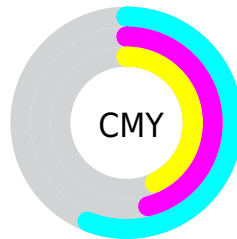
- Red (44%)
- Green (54%)
- Blue (57%)



- Red (44%)
- Yellow (49%)
- Blue (57%)



- Cyan (23%)
- Magenta (5%)
- Yellow (0%)
- Black (43%)



- Cyan (56%)
- Magenta (46%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7549, 23.6008, 30.2496 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 20.7549, 23.6008, 30.2496 by changing the saturation by 10% instead.

■ 20.7549, 23.6008,
30.2496

■ 20.7549, 23.6008,
30.2496

248.7295,
270.7960, 317.3096

■ 13.0564, 15.0378,
19.7745

■ 44.1736, 49.3780,
61.1223

■ 7.5447, 8.8459,
12.0488

■ 60.6245, 67.3609,
82.3570

■ 3.8543, 4.6408,
6.6539

■ 80.7237, 89.2526,
108.0153

■ 1.6201, 2.0381,
3.1715

■ 104.8363,
115.4374, 138.5157

■ 0.4054, 0.6295,
1.1829

133.3279,
146.2997, 174.2768

■ 0.0000, 0.0000,
0.0000

166.5637,

182.2240, 215.7172

204.9091,
223.5947, 263.2552

■ 20.7549, 23.6008,
30.2496

■ 20.7549, 23.6008,
30.2496

■ 18.6543, 21.8915,
30.0308

■ 23.1649, 25.4883,
30.4873

■ 16.8466, 20.3499,
29.8285

■ 25.8956, 27.5581,
30.7429

■ 15.3169, 18.9688,
29.6425

■ 28.9602, 29.8178,
31.0175

■ 14.0483, 17.7394,
29.4721

■ 32.3706, 32.2737,
31.3118

■ 13.0217, 16.6517,
29.3163

■ 36.1383, 34.9317,
31.6263

■ 12.2155, 15.6943,
29.1740

■ 40.2738, 37.7975,
31.9615

■ 11.6040, 14.8539,
29.0440

■ 44.7877, 40.8766,
32.3179

■ 11.2593, 14.3411,
28.9632

■ 49.6896, 44.1742,
32.6960

■ 54.9893, 47.6953,
33.0963

Harmonies

Analogous

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



20.2637, 23.6008, 26.9845



20.7549, 23.6008, 30.2496



21.7018, 23.6008, 32.4022

Triad

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



20.7549, 23.6008, 30.2496



24.6648, 23.6008, 27.8695



21.9926, 23.6008, 19.7962

Complementary

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



20.7549, 23.6008, 30.2496



21.0251, 20.1245, 17.8158

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.



23.1781, 23.6008, 19.9876



20.7549, 23.6008, 30.2496



24.7494, 23.6008, 24.4516

Square

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



20.7549, 23.6008, 30.2496



23.9697, 23.6008, 30.9465



24.1968, 23.6008, 21.6262



20.9613, 23.6008, 21.0779

Rectangle

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



20.7549, 23.6008, 30.2496



22.4780, 23.6008, 32.8117



24.1968, 23.6008, 21.6262



22.3857, 23.6008, 19.6936

Sweetspot

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



20.7556, 23.6018, 30.2501



44.4973, 47.9418, 54.8820



19.9396, 24.9341, 20.8397



9.8446, 10.6242, 12.2040



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.



20.7556, 23.6018, 30.2501



35.1695, 40.6549, 53.9671



18.5286, 19.1479, 29.5078



5.4673, 5.9304, 6.8853



9.6760, 12.3380, 24.8486



0.1079, 0.1486, 0.2427

Inverse Universe

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



21.9495, 19.2242, 26.5996



37.7152, 31.5578, 46.1305



23.1829, 24.4401, 18.5351



5.5794, 5.4923, 6.5489



12.6871, 6.2319, 14.5356



0.1290, 0.0627, 0.1798

Previews

White Background



This preview shows how the XYZ color 20.7549, 23.6008, 30.2496 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 20.7549, 23.6008, 30.2496 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 20.7549, 23.6008, 30.2496

Background



This preview shows how black text looks on a background with the XYZ color 20.7549, 23.6008, 30.2496.



This preview shows how white text looks on a background with the XYZ color 20.7549, 23.6008,

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

20.7549, 23.6008, 30.2496

Protanopia

22.7318, 23.4122, 28.5202

Deuteranopia

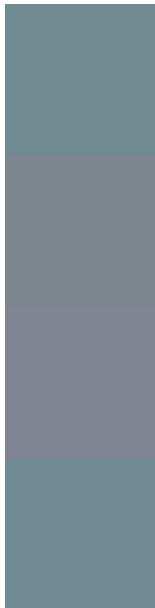
23.9319, 23.3825, 30.8557



Tritanopia

20.9730, 23.4742, 31.4425

Trichromacy



Original Color

20.7549, 23.6008, 30.2496

Protanomaly

21.8650, 23.3632, 28.9483

Deuteranomaly

22.4928, 23.2450, 30.4954

Tritanomaly

20.8942, 23.4426, 31.0274

Monochromacy



Original Color

20.7549, 23.6008, 30.2496

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.2812, 23.1129, 26.6321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7549, 23.6008, 30.2496 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, 138, 145)` looks like.

```
.text, #text, p{  
    color:rgb(111, 138, 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(111, 138, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 138, 145) }
```

Border

The CSS property to change the border of an element to XYZ 20.7549, 23.6008, 30.2496 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, 138, 145) }
```


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

```
.border{ border-color:rgb(111, 138, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 138, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 138, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 138, 145);  
box-shadow:4px 4px 4px 4px rgb(111, 138,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7549, 23.6008, 30.2496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 138, 145) }
```

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

```
.background{ background-color: rgb(111,  
138, 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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