

Converting Colors

XYZ(21.1312, 24.9227, 39.4038)

Have a look what the booklet for
XYZ(21.1312, 24.9227, 39.4038)
contains.

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Color

**XYZ(21.0792, 24.8873,
39.2900)**

Conversions

Conversions Part 1

Format	Color
Hex	5B90A5
RGB	91, 144, 165
RGB Percent	36%, 56%, 65%
CMY	0.6431, 0.4353, 0.3529
CMYK	0.45, 0.13, 0.00, 0.35
HSL	197°, 29%, 50%
HSV	197°, 45%, 65%
XYZ	21.0792, 24.8873, 39.2900
YIQ	130.5470, -38.3290, -4.7050

Conversions

Conversions Part 2

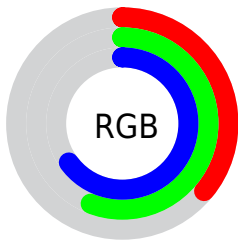
Format	Color
R _Y B	91, 122, 165
Decimal	6000805
CIE Lab	56.97, -11.86, -16.58
CIE LCh	57, 20.386, 234.441
Yxy	24.8873, 0.2472, 0.2919
Android (android.graphics.Color)	4284190885 (0xFF5B90A5)
YUV	130.5470, 16.9853, -34.6827
Hunter-Lab	49.8872, -11.8796, -11.7744

Details

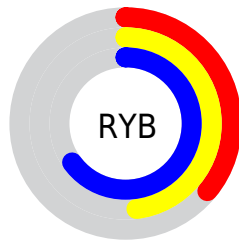
The XYZ color **21.0792, 24.8873, 39.2900** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.2001, 20.3436, 12.6023**, and the grayscale version is **21.3640, 22.4766, 24.4770**.

A 20% lighter version of the original color is **44.7894, 51.5752, 75.3045**, and **7.7463, 9.5910, 17.0658** is the 20% darker color. If you saturate the color by 10%, you get **18.9336, 22.7507, 38.9911**, and if you desaturate by 10%, it is **23.6134, 27.2690, 39.6166**.

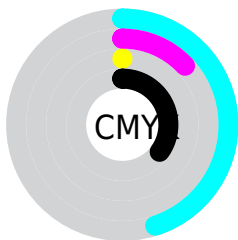
Distribution



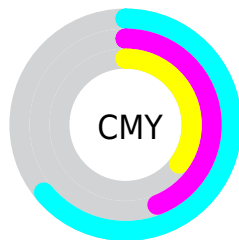
- Red (36%)
- Green (56%)
- Blue (65%)



- Red (36%)
- Yellow (48%)
- Blue (65%)



- Cyan (45%)
- Magenta (13%)
- Yellow (0%)
- Black (35%)



- Cyan (64%)
- Magenta (44%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0792, 24.8873, 39.2900 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 21.0792, 24.8873, 39.2900 by changing the saturation by 10% instead.

■ 21.0792, 24.8873,
39.2900

■ 21.0792, 24.8873,
39.2900

250.4229,
277.2762, 358.5846

■ 13.2947, 15.9931,
26.6758

■ 44.7096, 51.4743,
75.3063

■ 7.7102, 9.5193,
17.0996

■ 61.2862, 69.9360,
99.5456

■ 3.9603, 5.0814,
10.1428

■ 81.5242, 92.3555,
128.4970

■ 1.6797, 2.2951,
5.3869

■ 105.7890,
119.1174, 162.5790

■ 0.4435, 0.7711,
2.4133

134.4459,
150.6061, 202.2103

■ 0.0000, 0.0000,
0.7937

167.8602,

■ 0.0000, 0.0000,

187.2058, 247.8093

0.0000

206.3975,
229.3011, 299.7945

■ 21.0792, 24.8873,
39.2900

■ 21.0792, 24.8873,
39.2900

■ 18.9336, 22.7507,
38.9911

■ 23.6134, 27.2690,
39.6166

■ 17.1503, 20.8434,
38.7170

■ 26.5557, 29.9048,
39.9703

■ 15.7030, 19.1520,
38.4668

■ 29.9272, 32.8065,
40.3527

■ 14.5609, 17.6599,
38.2390

■ 33.7466, 35.9843,
40.7647

■ 13.6858, 16.3471,
38.0317

■ 38.0315, 39.4477,
41.2074

■ 13.2911, 15.7155,
37.9306

■ 42.7986, 43.2059,
41.6816

■ 48.0638, 47.2675,
42.1880

■ 53.8420, 51.6406,
42.7276

■ 60.1477, 56.3333,
43.3010

Harmonies

Analogous

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



19.7092, 24.8873, 32.9224



21.0792, 24.8873, 39.2900



23.2118, 24.8873, 42.4382

Triad

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



21.0792, 24.8873, 39.2900



28.5346, 24.8873, 28.3943



21.8020, 24.8873, 16.7872

Complementary

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



21.0792, 24.8873, 39.2900



23.2001, 20.3436, 12.6023

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.



24.1030, 24.8873, 15.9874



21.0792, 24.8873, 39.2900



28.0943, 24.8873, 22.0046

Square

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



21.0792, 24.8873, 39.2900



27.5975, 24.8873, 35.5037



26.4317, 24.8873, 17.7317



20.1064, 24.8873, 20.1363

Rectangle

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



21.0792, 24.8873, 39.2900



24.8204, 24.8873, 41.9622



26.4317, 24.8873, 17.7317



22.5259, 24.8873, 16.2379

Sweetspot

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



21.0800, 24.8883, 39.2906



54.6421, 59.6350, 72.3831



20.6930, 30.3041, 20.0790



11.6468, 12.7850, 15.7914



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



21.0800, 24.8883, 39.2906



33.8583, 40.6928, 69.8223



16.3678, 15.4639, 37.7199



7.1055, 7.6699, 9.0090



10.0986, 11.9767, 28.7093



0.2491, 0.3256, 0.6156

Inverse Universe

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



24.2928, 17.4959, 28.4832



40.5868, 26.5132, 46.8974



28.1481, 30.2396, 14.2516



7.2782, 7.1677, 8.4514



14.2428, 7.0532, 13.7351



0.3179, 0.1557, 0.3868

Previews

White Background



This preview shows how the XYZ color 21.0792, 24.8873, 39.2900 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 21.0792, 24.8873, 39.2900 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

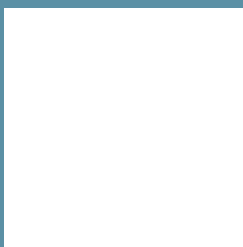
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.0792, 24.8873, 39.2900

Background



This preview shows how black text looks on a background with the XYZ color 21.0792, 24.8873, 39.2900.



This preview shows how white text looks on a background with the XYZ color 21.0792, 24.8873,

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

21.0792, 24.8873, 39.2900

Protanopia

24.4377, 24.7367, 36.2875

Deuteranopia

25.1941, 24.6334, 39.9861



Tritanopia

20.3310, 24.8090, 35.6153

Trichromacy



Original Color

21.0792, 24.8873, 39.2900

Protanomaly

22.8576, 24.5321, 37.2487

Deuteranomaly

23.2998, 24.4960, 39.5766

Tritanomaly

20.6870, 24.9625, 36.9856

Monochromacy



Original Color

21.0792, 24.8873, 39.2900

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.9645, 23.3045, 29.3799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0792, 24.8873, 39.2900 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(91, 144, 165)` looks like.

```
.text, #text, p{  
    color:rgb(91, 144, 165)  
}
```

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(91, 144, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 144, 165) }
```

Border

The CSS property to change the border of an element to XYZ 21.0792, 24.8873, 39.2900 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(91, 144, 165) }
```


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

```
.border{ border-color:rgb(91, 144, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 144, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 144, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 144, 165);  
box-shadow:4px 4px 4px 4px rgb(91, 144,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0792, 24.8873, 39.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 144, 165) }
```

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

```
.background{ background-color: rgb(91, 144,  
165) }
```

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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