

Converting Colors

XYZ(19.7878, 23.3073, 30.6500)

Have a look what the booklet for
XYZ(19.7878, 23.3073, 30.6500)
contains.

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Color

**XYZ(19.7878, 23.3073,
30.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	658B92
RGB	101, 139, 146
RGB Percent	40%, 55%, 57%
CMY	0.6039, 0.4549, 0.4274
CMYK	0.31, 0.05, 0.00, 0.43
HSL	189°, 18%, 48%
HSV	189°, 31%, 57%
XYZ	19.7878, 23.3073, 30.6500
YIQ	128.4360, -24.8950, -5.8790

Conversions

Conversions Part 2

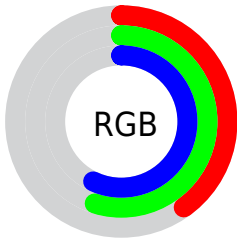
Format	Color
R_{YB}	101, 122, 146
Decimal	6654866
CIE _{Lab}	55.39, -11.36, -7.99
CIE _{LCh}	55, 13.894, 215.120
Yxy	23.3073, 0.2683, 0.3161
Android (android.graphics.Color)	4284844946 (0xFF658B92)
YUV	128.4360, 8.6591, -24.0614
Hunter-Lab	48.2776, -11.3232, -3.8471

Details

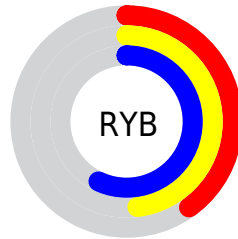
The XYZ color **19.7878, 23.3073, 30.6500** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.5659, 17.7760, 14.7124**, and the grayscale version is **20.6469, 21.7222, 23.6554**.

A 20% lighter version of the original color is **42.6322, 49.0824, 61.8705**, and **7.0999, 8.7193, 12.3751** is the 20% darker color. If you saturate the color by 10%, you get **17.9709, 21.8882, 30.4722**, and if you desaturate by 10%, it is **21.9033, 24.8917, 30.8447**.

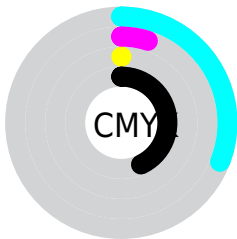
Distribution



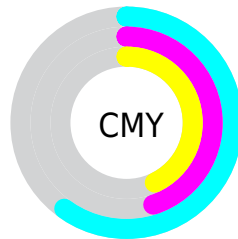
- Red (40%)
- Green (55%)
- Blue (57%)



- Red (40%)
- Yellow (48%)
- Blue (57%)



- Cyan (31%)
- Magenta (5%)
- Yellow (0%)
- Black (43%)



- Cyan (60%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7878, 23.3073, 30.6500 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 19.7878, 23.3073, 30.6500 by changing the saturation by 10% instead.

■ 19.7878, 23.3073,
30.6500

■ 19.7878, 23.3073,
30.6500

243.6195,
269.2994, 319.2237

■ 12.3483, 14.8206,
20.0763

■ 42.5678, 48.8974,
61.7617

■ 7.0552, 8.6936,
12.2659

■ 58.6389, 66.7696,
83.1368

■ 3.5433, 4.5418,
6.8003

■ 78.3180, 88.5391,
108.9493

■ 1.4472, 1.9810,
3.2610

■ 101.9704,
114.5902, 139.6179

■ 0.2894, 0.5964,
1.2294

129.9613,
145.3074, 175.5611

■ 0.0000, 0.0000,
0.0028

162.6563,

■ 0.0000, 0.0000,

181.0751, 217.1975

0.0000

200.4206,
222.2777, 264.9455

■ 19.7878, 23.3073,
30.6500

■ 19.7878, 23.3073,
30.6500

■ 17.9709, 21.8882,
30.4722

■ 21.9033, 24.8917,
30.8447

■ 16.4352, 20.6235,
30.3091

■ 24.3297, 26.6459,
31.0554

■ 15.1644, 19.5055,
30.1603

■ 27.0810, 28.5779,
31.2833

■ 14.1401, 18.5244,
30.0249

■ 30.1698, 30.6941,
31.5290

■ 13.3409, 17.6693,
29.9019

■ 33.6078, 33.0008,
31.7930

■ 12.7420, 16.9274,
29.7903

■ 37.4065, 35.5039,
32.0760

■ 12.3080, 16.3145,
29.6949

■ 41.5766, 38.2089,
32.3783

■ 46.1284, 41.1212,
32.7005

■ 51.0718, 44.2461,
33.0431

Harmonies

Analogous

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



19.2963, 23.3073, 26.1524



19.7878, 23.3073, 30.6500



20.9141, 23.3073, 34.0002

Triad

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



19.7878, 23.3073, 30.6500



24.9884, 23.3073, 29.1681



21.8862, 23.3073, 17.7439

Complementary

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



19.7878, 23.3073, 30.6500



19.5659, 17.7760, 14.7124

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.



23.4396, 23.3073, 18.3521



19.7878, 23.3073, 30.6500



25.2783, 23.3073, 24.6185

Square

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



19.7878, 23.3073, 30.6500



23.9245, 23.3073, 33.0767



24.6993, 23.3073, 20.7476



20.4710, 23.3073, 18.9769

Rectangle

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



19.7878, 23.3073, 30.6500



21.8986, 23.3073, 34.9403



24.6993, 23.3073, 20.7476



22.4092, 23.3073, 17.7414

Sweetspot

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



19.7885, 23.3082, 30.6505



43.6753, 47.5424, 54.8482



18.3397, 24.4024, 17.8618



9.5809, 10.4804, 12.1902



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.



19.7885, 23.3082, 30.6505



32.6331, 39.3524, 53.8494



16.8879, 17.5070, 29.6837



5.8881, 6.4102, 7.3967



10.8440, 14.3828, 26.1357



0.1494, 0.2093, 0.3254

Inverse Universe

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



21.1686, 17.2831, 26.6474



35.5146, 27.1538, 45.4055



22.2195, 23.0830, 15.5969



5.9970, 5.8939, 7.0902



13.6006, 6.6453, 17.1758



0.1749, 0.0847, 0.2545

Previews

White Background



This preview shows how the XYZ color 19.7878, 23.3073, 30.6500 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 19.7878, 23.3073, 30.6500 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

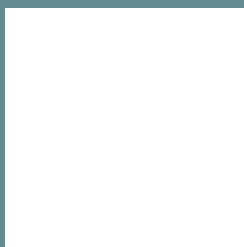
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.7878, 23.3073, 30.6500

Background



This preview shows how black text looks on a background with the XYZ color 19.7878, 23.3073, 30.6500.



This preview shows how white text looks on a background with the XYZ color 19.7878, 23.3073,

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

19.7878, 23.3073, 30.6500

Protanopia

22.4397, 23.0612, 28.4679

Deuteranopia

23.6768, 23.2419, 31.2552



Tritanopia

20.0730, 23.2037, 32.2750

Trichromacy



Original Color

19.7878, 23.3073, 30.6500

Protanomaly

21.3682, 23.0983, 29.3188

Deuteranomaly

22.1114, 23.2416, 30.9244

Tritanomaly

19.9928, 23.1717, 31.8526

Monochromacy



Original Color

19.7878, 23.3073, 30.6500

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.0957, 22.1033, 26.1289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7878, 23.3073, 30.6500 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(101, 139, 146)` looks like.

```
.text, #text, p{  
    color:rgb(101, 139, 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(101, 139, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 139, 146) }
```

Border

The CSS property to change the border of an element to XYZ 19.7878, 23.3073, 30.6500 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(101, 139, 146) }
```


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

```
.border{ border-color:rgb(101, 139, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 139, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 139, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 139, 146);  
box-shadow:4px 4px 4px 4px rgb(101, 139,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7878, 23.3073, 30.6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 139, 146) }
```

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

```
.background{ background-color: rgb(101,  
139, 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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