

Converting Colors

XYZ(22.5573, 26.3783, 37.2800)

Have a look what the booklet for
XYZ(22.5573, 26.3783, 37.2800)
contains.

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Color

**XYZ(22.4878, 26.3486,
37.1583)**

Conversions

Conversions Part 1

Format	Color
Hex	6893A0
RGB	104, 147, 160
RGB Percent	41%, 58%, 63%
CMY	0.5921, 0.4235, 0.3725
CMYK	0.35, 0.08, 0.00, 0.37
HSL	194°, 23%, 52%
HSV	194°, 35%, 63%
XYZ	22.4878, 26.3486, 37.1583
YIQ	135.6250, -29.8010, -5.0730

Conversions

Conversions Part 2

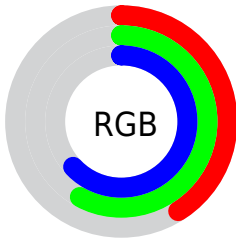
Format	Color
RYB	104, 128, 160
Decimal	6853536
CIELab	58.37, -11.30, -11.55
CIELCh	58, 16.154, 225.623
Yxy	26.3486, 0.2615, 0.3064
Android (android.graphics.Color)	4285043616 (0xFF6893A0)
YUV	135.6250, 12.0169, -27.7351
Hunter-Lab	51.3309, -11.6291, -6.9883

Details

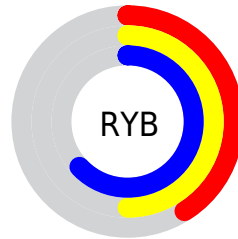
The XYZ color **22.4878, 26.3486, 37.1583** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.3575, 21.1959, 15.9574**, and the grayscale version is **23.2268, 24.4364, 26.6112**.

A 20% lighter version of the original color is **47.0570, 53.8477, 72.2035**, and **8.4114, 10.2268, 15.9986** is the 20% darker color. If you saturate the color by 10%, you get **20.2359, 24.3447, 36.8907**, and if you desaturate by 10%, it is **25.1124, 28.5735, 37.4499**.

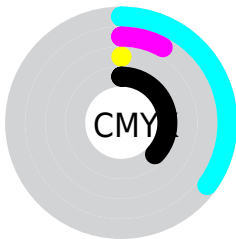
Distribution



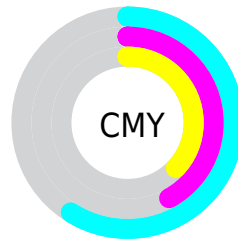
- Red (41%)
- Green (58%)
- Blue (63%)



- Red (41%)
- Yellow (50%)
- Blue (63%)



- Cyan (35%)
- Magenta (8%)
- Yellow (0%)
- Black (37%)



- Cyan (59%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4878, 26.3486, 37.1583 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 22.4878, 26.3486, 37.1583 by changing the saturation by 10% instead.

■ 22.4878, 26.3486,
37.1583

■ 22.4878, 26.3486,
37.1583

257.6680,
284.4892, 349.1847

■ 14.3344, 17.0846,
25.0333

■ 47.0238, 53.8368,
72.0052

■ 8.4368, 10.2948,
15.8826

■ 64.1371, 72.8298,
95.5643

■ 4.4299, 5.5949,
9.2877

■ 84.9677, 95.8346,
123.7718

■ 1.9481, 2.6003,
4.8299

■ 109.8809,
123.2355, 157.0462

■ 0.6045, 0.9268,
2.0908

139.2422,
155.4171, 195.8062

■ 0.0000, 0.0000,
0.6103

173.4169,

■ 0.0000, 0.0000,

192.7636, 240.4702

0.0000

212.7704,
235.6595, 291.4569

■ 22.4878, 26.3486,
37.1583

■ 22.4878, 26.3486,
37.1583

■ 20.2359, 24.3447,
36.8907

■ 25.1124, 28.5735,
37.4499

■ 18.3340, 22.5482,
36.6441

■ 28.1258, 31.0262,
37.7645

■ 16.7609, 20.9482,
36.4182

■ 31.5461, 33.7168,
38.1035

■ 15.4917, 19.5318,
36.2117

■ 35.3896, 36.6540,
38.4679

■ 14.4978, 18.2840,
36.0233

■ 39.6716, 39.8459,
38.8583

■ 13.7436, 17.1861,
35.8511

■ 44.4067, 43.3003,
39.2755

■ 13.4112, 16.6700,
35.7690

■ 49.6086, 47.0246,
39.7202

■ 55.2906, 51.0257,
40.1930

■ 61.4655, 55.3106,
40.6946

Harmonies

Analogous

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



21.5713, 26.3486, 31.7095



22.4878, 26.3486, 37.1583



24.1151, 26.3486, 40.5270

Triad

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



22.4878, 26.3486, 37.1583



28.8931, 26.3486, 31.4667



24.0377, 26.3486, 19.4622

Complementary

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



22.4878, 26.3486, 37.1583



23.3575, 21.1959, 15.9574

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.



25.9955, 26.3486, 19.4151



22.4878, 26.3486, 37.1583



28.8697, 26.3486, 25.8670

Square

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



22.4878, 26.3486, 37.1583



27.8484, 26.3486, 36.9606



27.7860, 26.3486, 21.6158



22.4337, 26.3486, 21.7541

Rectangle

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



22.4878, 26.3486, 37.1583



25.4164, 26.3486, 40.8899



27.7860, 26.3486, 21.6158



24.6744, 26.3486, 19.1944

Sweetspot

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



22.4886, 26.3496, 37.1589



53.9584, 58.6269, 68.8588



21.4404, 29.3493, 21.0992



11.6566, 12.7179, 15.0841



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.4886, 26.3496, 37.1589



37.5816, 44.9663, 67.0851



18.7551, 18.8826, 35.9144



6.6912, 7.2482, 8.4531



10.4815, 13.0545, 27.8746



0.2168, 0.2922, 0.5082

Inverse Universe

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



24.7146, 19.4814, 30.0627



42.3484, 30.9741, 51.7288



26.9899, 28.4606, 17.1682



6.8382, 6.7282, 7.9993



14.0888, 6.9401, 15.2503



0.2668, 0.1300, 0.3509

Previews

White Background



This preview shows how the XYZ color 22.4878, 26.3486, 37.1583 looks on a white background.

Color Contrast Check

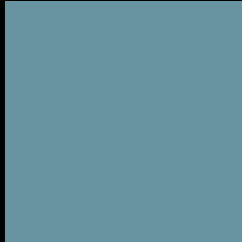
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4878, 26.3486, 37.1583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

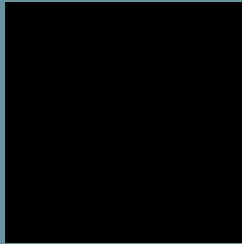
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.4878, 26.3486, 37.1583

Background



This preview shows how black text looks on a background with the XYZ color 22.4878, 26.3486, 37.1583.



This preview shows how white text looks on a background with the XYZ color 22.4878, 26.3486,

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

22.4878, 26.3486, 37.1583

Protanopia

25.6302, 26.2351, 34.7234

Deuteranopia

26.6534, 26.0566, 37.8071



Tritanopia

22.4006, 26.3137, 36.6993

Trichromacy



Original Color

22.4878, 26.3486, 37.1583

Protanomaly

24.3630, 26.2159, 35.6744

Deuteranomaly

24.8644, 25.9965, 37.4255

Tritanomaly

22.4006, 26.3137, 36.6993

Monochromacy



Original Color

22.4878, 26.3486, 37.1583

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.8011, 25.0856, 30.4283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4878, 26.3486, 37.1583 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, 147, 160)` looks like.

```
.text, #text, p{  
    color:rgb(104, 147, 160)  
}
```

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, 147, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 147, 160) }
```

Border

The CSS property to change the border of an element to XYZ 22.4878, 26.3486, 37.1583 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, 147, 160) }
```


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

```
.border{ border-color:rgb(104, 147, 160) }
```

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

Here you see how a box with a 4 pixel rgb(104, 147, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 147, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 147, 160);  
box-shadow:4px 4px 4px 4px rgb(104, 147,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4878, 26.3486, 37.1583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 147, 160) }
```

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

```
.background{ background-color: rgb(104,  
147, 160) }
```

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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