

Converting Colors

XYZ(26.6019, 33.0282, 47.0925)

Have a look what the booklet for
XYZ(26.6019, 33.0282, 47.0925)
contains.

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Color

**XYZ(26.6019, 33.0282,
47.0925)**

Conversions

Conversions Part 1

Format	Color
Hex	61A6B2
RGB	97, 166, 178
RGB Percent	38%, 65%, 70%
CMY	0.6196, 0.3490, 0.3020
CMYK	0.46, 0.07, 0.00, 0.30
HSL	189°, 34%, 54%
HSV	189°, 46%, 70%
XYZ	26.6019, 33.0282, 47.0925
YIQ	146.7370, -44.9760, -10.8960

Conversions

Conversions Part 2

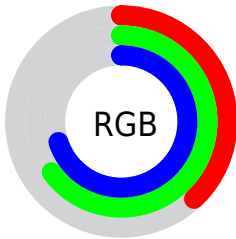
Format	Color
RYB	97, 134, 178
Decimal	6399666
CIELab	64.18, -18.56, -13.00
CIELCh	64, 22.660, 215.013
Yxy	33.0282, 0.2493, 0.3095
Android (android.graphics.Color)	4284589746 (0xFF61A6B2)
YUV	146.7370, 15.4127, -43.6193
Hunter-Lab	57.4702, -17.9484, -8.3546

Details

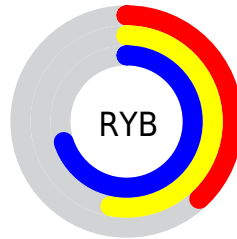
The XYZ color **26.6019, 33.0282, 47.0925** is a light color, and the websafe version is hex **669999**. A complement of this color would be **25.9871, 21.2660, 14.0453**, and the grayscale version is **27.5772, 29.0134, 31.5956**.

A 20% lighter version of the original color is **53.6566, 64.3288, 87.4306**, and **10.5941, 13.9664, 21.5395** is the 20% darker color. If you saturate the color by 10%, you get **24.4397, 31.2100, 46.8561**, and if you desaturate by 10%, it is **29.2015, 35.0880, 47.3536**.

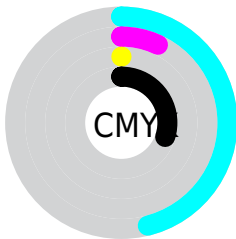
Distribution



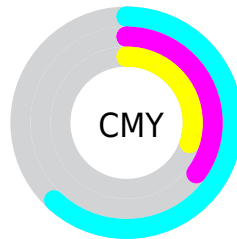
- Red (38%)
- Green (65%)
- Blue (70%)



- Red (38%)
- Yellow (53%)
- Blue (70%)



- Cyan (46%)
- Magenta (7%)
- Yellow (0%)
- Black (30%)



- Cyan (62%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6019, 33.0282, 47.0925 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 26.6019, 33.0282, 47.0925 by changing the saturation by 10% instead.

■ 26.6019, 33.0282,
47.0925

■ 26.6019, 33.0282,
47.0925

277.9272,
315.7768, 391.5881

■ 17.4095, 22.1480,
32.7539

■ 53.6688, 64.4196,
87.2031

■ 10.6240, 13.9657,
21.6684

■ 72.2740, 85.6995,
113.8122

■ 5.8800, 8.0968,
13.4175

■ 94.7475, 111.2149,
145.3486

■ 2.8122, 4.1570,
7.5826

■ 121.4547,
141.3501, 182.2307

■ 1.0553, 1.7618,
3.7451

152.7609,
176.4895, 224.8772

■ 0.0000, 0.4632,
1.4866

189.0315,

■ 0.0000, 0.0000,

217.0175, 273.7066

0.2079

230.6318,
263.3185, 329.1373

■ 0.0000, 0.0000,
0.0000

■ 26.6019, 33.0282,
47.0925

■ 26.6019, 33.0282,
47.0925

■ 24.4397, 31.2100,
46.8561

■ 29.2015, 35.0880,
47.3536

■ 22.6830, 29.6146,
46.6407

■ 32.2616, 37.3991,
47.6385

■ 21.3004, 28.2264,
46.4457

■ 35.8075, 39.9754,
47.9488

■ 20.2543, 27.0261,
46.2691

■ 39.8614, 42.8284,
48.2859

■ 19.4978, 25.9893,
46.1089

■ 44.4443, 45.9691,
48.6505

■ 19.2048, 25.5521,
46.0399

■ 49.5761, 49.4078,
49.0438

■ 55.2755, 53.1541,
49.4665

■ 61.5603, 57.2175,
49.9196

■ 67.6318, 61.1861,
50.3656

Harmonies

Analogous

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



25.6343, 33.0282, 37.5297



26.6019, 33.0282, 47.0925



28.8557, 33.0282, 54.4899

Triad

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



26.6019, 33.0282, 47.0925



37.3282, 33.0282, 43.9609



30.8558, 33.0282, 21.0660

Complementary

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



26.6019, 33.0282, 47.0925



25.9871, 21.2660, 14.0453

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.



34.0734, 33.0282, 22.1970



26.6019, 33.0282, 47.0925



37.9538, 33.0282, 34.4388

Square

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



26.6019, 33.0282, 47.0925



35.0700, 33.0282, 52.4766



36.7258, 33.0282, 26.7401



27.9811, 33.0282, 23.3362

Rectangle

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



26.6019, 33.0282, 47.0925



30.8587, 33.0282, 56.6119



36.7258, 33.0282, 26.7401



31.9321, 33.0282, 21.0655

Sweetspot

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



26.6029, 33.0295, 47.0933



65.8096, 73.1166, 87.0255



23.5471, 35.4614, 19.7363



14.2531, 15.9654, 19.2527



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.6029, 33.0295, 47.0933



44.1613, 56.4586, 84.9512



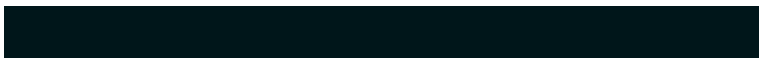
20.5172, 20.8581, 45.0647



8.6333, 9.4128, 10.8681



13.7771, 18.3547, 32.9537



0.4625, 0.6356, 1.0465

Inverse Universe

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



29.5186, 20.7685, 38.5307



50.3165, 31.9615, 66.5641



31.1556, 31.6030, 15.7681



8.7948, 8.6247, 10.4181



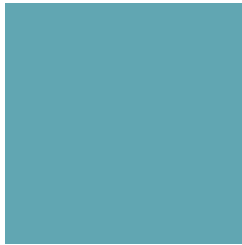
17.1887, 8.3930, 21.9515



0.5555, 0.2699, 0.7679

Previews

White Background



This preview shows how the XYZ color 26.6019, 33.0282, 47.0925 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.6019, 33.0282, 47.0925 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 ✓ Pass

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

XYZ 26.6019, 33.0282, 47.0925

Background



This preview shows how black text looks on a background with the XYZ color 26.6019, 33.0282, 47.0925.



This preview shows how white text looks on a background with the XYZ color 26.6019, 33.0282,

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

26.6019, 33.0282, 47.0925

Protanopia

31.9482, 32.7858, 42.6747

Deuteranopia

33.3117, 32.6375, 48.2600



Tritanopia

26.7027, 33.0685, 47.6233

Trichromacy



Original Color

26.6019, 33.0282, 47.0925

Protanomaly

29.4426, 32.4574, 44.2483

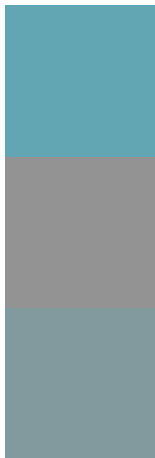
Deuteranomaly

30.1184, 32.2231, 47.8123

Tritanomaly

26.7027, 33.0685, 47.6233

Monochromacy



Original Color

26.6019, 33.0282, 47.0925

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.7804, 30.2470, 36.7745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6019, 33.0282, 47.0925 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(97, 166, 178)` looks like.

```
.text, #text, p{  
    color:rgb(97, 166, 178)  
}
```

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(97, 166, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 166, 178) }
```

Border

The CSS property to change the border of an element to XYZ 26.6019, 33.0282, 47.0925 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(97, 166, 178) }
```


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

```
.border{ border-color:rgb(97, 166, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 166, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 166, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 166, 178);  
box-shadow:4px 4px 4px 4px rgb(97, 166,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6019, 33.0282, 47.0925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 166, 178) }
```

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

```
.background{ background-color: rgb(97, 166,  
178) }
```

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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