

Converting Colors

XYZ(26.7242, 34.1863, 47.3096)

Have a look what the booklet for
XYZ(26.7242, 34.1863, 47.3096)
contains.

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Color

**XYZ(26.7250, 34.1879,
47.3099)**

Conversions

Conversions Part 1

Format	Color
Hex	5BAAB2
RGB	91, 170, 178
RGB Percent	36%, 67%, 70%
CMY	0.6431, 0.3333, 0.3020
CMYK	0.49, 0.04, 0.00, 0.30
HSL	186°, 36%, 53%
HSV	186°, 49%, 70%
XYZ	26.7250, 34.1879, 47.3099
YIQ	147.2910, -49.6520, -14.2600

Conversions

Conversions Part 2

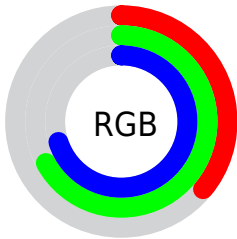
Format	Color
RYB	91, 132, 178
Decimal	6007474
CIELab	65.11, -22.05, -11.63
CIELCh	65, 24.935, 207.814
Yxy	34.1879, 0.2469, 0.3159
Android (android.graphics.Color)	4284197554 (0xFF5BAAB2)
YUV	147.2910, 15.1395, -49.3672
Hunter-Lab	58.4704, -20.7365, -7.0437

Details

The XYZ color **26.7250, 34.1879, 47.3099** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.7110, 19.1448, 12.2914**, and the grayscale version is **27.8085, 29.2567, 31.8606**.

A 20% lighter version of the original color is **53.8091, 65.9940, 87.7440**, and **10.7155, 14.7136, 21.6773** is the 20% darker color. If you saturate the color by 10%, you get **24.8695, 32.7795, 47.1365**, and if you desaturate by 10%, it is **29.0026, 35.8211, 47.5057**.

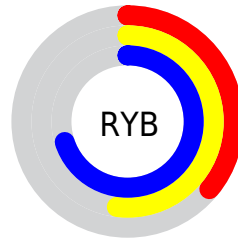
Distribution



Red (36%)

Green (67%)

Blue (70%)



Red (36%)

Yellow (52%)

Blue (70%)

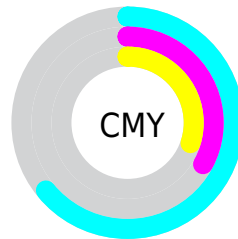


Cyan (49%)

Magenta (4%)

Yellow (0%)

Black (30%)



Cyan (64%)

Magenta (33%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7250, 34.1879, 47.3099 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 26.7250, 34.1879, 47.3099 by changing the saturation by 10% instead.

■ 26.7250, 34.1879,
47.3099

■ 26.7250, 34.1879,
47.3099

278.5150,
320.9691, 392.4797

■ 17.5023, 23.0380,
32.9246

■ 53.8653, 66.2258,
87.5308

■ 10.6908, 14.6216,
21.7981

■ 72.5136, 87.8825,
114.2036

■ 5.9251, 8.5542,
13.5117

■ 95.0345, 113.8103,
145.8092

■ 2.8398, 4.4516,
7.6470

■ 121.7933,
144.3936, 182.7663

■ 1.0696, 1.9292,
3.7854

153.1554,
180.0167, 225.4933

■ 0.0000, 0.5659,
1.5084

189.4861,

■ 0.0000, 0.0000,

221.0640, 274.4089

0.2241

231.1509,
267.9200, 329.9315

■ 0.0000, 0.0000,
0.0000

■ 26.7250, 34.1879,
47.3099

■ 26.7250, 34.1879,
47.3099

■ 24.8695, 32.7795,
47.1365

■ 29.0026, 35.8211,
47.5057

■ 23.4030, 31.5765,
46.9815

■ 31.7261, 37.6891,
47.7227

■ 22.2927, 30.5628,
46.8444

■ 34.9213, 39.8060,
47.9629

■ 21.4989, 29.7178,
46.7231

■ 38.6111, 42.1836,
48.2274

■ 20.9497, 29.0046,
46.6144

■ 42.8169, 44.8329,
48.5171

■ 20.8922, 28.9269,
46.6024

■ 47.5587, 47.7644,
48.8330

■ 52.8557, 50.9878,
49.1760

■ 58.7259, 54.5126,
49.5469

■ 65.1866, 58.3476,
49.9466

Harmonies

Analogous

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



26.0305, 34.1879, 36.4704



26.7250, 34.1879, 47.3099



28.9300, 34.1879, 56.7472

Triad

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



26.7250, 34.1879, 47.3099



38.7410, 34.1879, 48.8704



32.7605, 34.1879, 20.6622

Complementary

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



26.7250, 34.1879, 47.3099



24.7110, 19.1448, 12.2914

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.



36.3405, 34.1879, 22.7882



26.7250, 34.1879, 47.3099



39.9490, 34.1879, 37.9896

Square

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



26.7250, 34.1879, 47.3099



35.8478, 34.1879, 57.7593



39.0400, 34.1879, 28.6856



29.3573, 34.1879, 22.2449

Rectangle

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



26.7250, 34.1879, 47.3099



31.0489, 34.1879, 60.2768



39.0400, 34.1879, 28.6856



33.9844, 34.1879, 20.9569

Sweetspot

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



26.7260, 34.1892, 47.3107



65.6399, 73.6876, 87.1447



22.4521, 34.9523, 17.1814



14.2437, 16.1318, 19.2853



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.



26.7260, 34.1892, 47.3107



44.7588, 59.1741, 85.4439



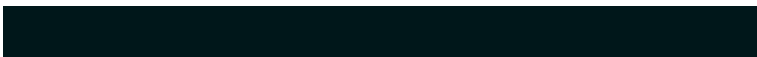
19.9729, 20.6830, 45.0597



8.6745, 9.4953, 10.8819



14.9727, 20.7458, 33.3522



0.4904, 0.6914, 1.0558

Inverse Universe

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



29.3578, 19.8504, 40.3157



50.2470, 30.5128, 70.5787



29.8851, 29.4930, 14.0161



8.8157, 8.6330, 10.5278



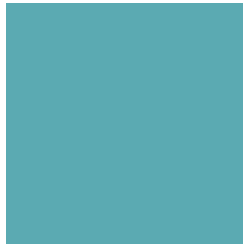
17.7922, 8.6344, 25.1293



0.5696, 0.2756, 0.8420

Previews

White Background



This preview shows how the XYZ color 26.7250, 34.1879, 47.3099 looks on a white background.

Color Contrast Check

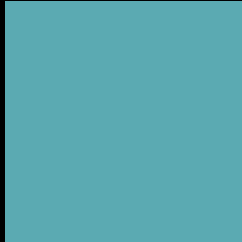
Large Text (above 18pt) WCAG AA × Fail

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 26.7250, 34.1879, 47.3099 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 26.7250, 34.1879, 47.3099

Background



This preview shows how black text looks on a background with the XYZ color 26.7250, 34.1879, 47.3099.

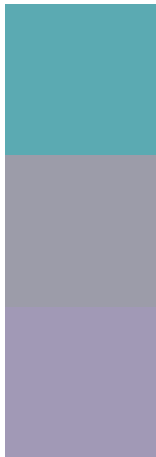


This preview shows how white text looks on a background with the XYZ color 26.7250, 34.1879,

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

26.7250, 34.1879, 47.3099

Protanopia

32.7602, 33.7094, 42.3160

Deuteranopia

34.5327, 33.7369, 48.9478



Tritanopia

27.2494, 34.1220, 49.9498

Trichromacy



Original Color

26.7250, 34.1879, 47.3099

Protanomaly

29.7070, 33.3738, 43.9058

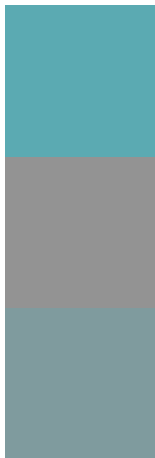
Deuteranomaly

30.8920, 33.3667, 48.5283

Tritanomaly

26.9421, 33.9874, 48.8563

Monochromacy



Original Color

26.7250, 34.1879, 47.3099

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.6453, 30.4233, 36.8157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7250, 34.1879, 47.3099 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, 170, 178)` looks like.

```
.text, #text, p{  
    color:rgb(91, 170, 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(91, 170, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 170, 178) }
```

Border

The CSS property to change the border of an element to XYZ 26.7250, 34.1879, 47.3099 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, 170, 178) }
```


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

```
.border{ border-color:rgb(91, 170, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 170, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 170, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 170, 178);  
box-shadow:4px 4px 4px 4px rgb(91, 170,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7250, 34.1879, 47.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 170, 178) }
```

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

```
.background{ background-color: rgb(91, 170,  
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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