

Converting Colors

XYZ(26.3841, 33.2984, 47.1333)

Have a look what the booklet for
XYZ(26.3841, 33.2984, 47.1333)
contains.

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Color

**XYZ(26.2682, 33.1271,
47.1292)**

Conversions

Conversions Part 1

Format	Color
Hex	5CA7B2
RGB	92, 167, 178
RGB Percent	36%, 65%, 70%
CMY	0.6392, 0.3451, 0.3020
CMYK	0.48, 0.06, 0.00, 0.30
HSL	188°, 36%, 53%
HSV	188°, 48%, 70%
XYZ	26.2682, 33.1271, 47.1292
YIQ	145.8290, -48.2310, -12.4790

Conversions

Conversions Part 2

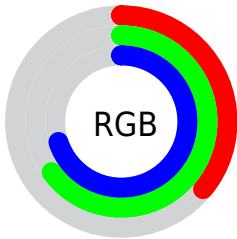
Format	Color
RYB	92, 132, 178
Decimal	6072242
CIELab	64.26, -20.28, -12.90
CIElCh	64, 24.034, 212.470
Yxy	33.1271, 0.2466, 0.3110
Android (android.graphics.Color)	4284262322 (0xFF5CA7B2)
YUV	145.8290, 15.8603, -47.2080
Hunter-Lab	57.5561, -19.2572, -8.2596

Details

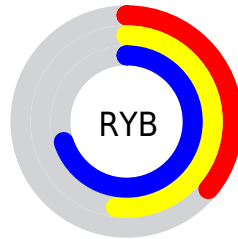
The XYZ color **26.2682, 33.1271, 47.1292** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.1427, 19.9387, 12.6494**, and the grayscale version is **27.2037, 28.6204, 31.1677**.

A 20% lighter version of the original color is **53.1853, 64.4790, 87.4844**, and **10.4281, 14.0492, 21.5642** is the 20% darker color. If you saturate the color by 10%, you get **24.2816, 31.4900, 46.9185**, and if you desaturate by 10%, it is **28.6820, 34.9968, 47.3635**.

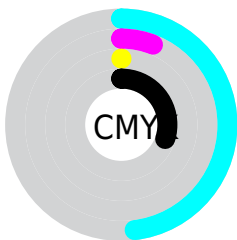
Distribution



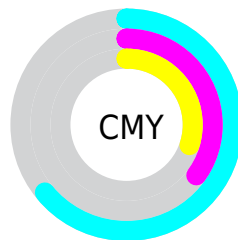
- Red (36%)
- Green (65%)
- Blue (70%)



- Red (36%)
- Yellow (52%)
- Blue (70%)



- Cyan (48%)
- Magenta (6%)
- Yellow (0%)
- Black (30%)



- Cyan (64%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2682, 33.1271, 47.1292 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 26.2682, 33.1271, 47.1292 by changing the saturation by 10% instead.

■ 26.2682, 33.1271,
47.1292

■ 26.2682, 33.1271,
47.1292

276.3288,
316.2221, 391.7387

■ 17.1581, 22.2238,
32.7827

■ 53.1355, 64.5739,
87.2584

■ 10.4433, 14.0215,
21.6903

■ 71.6235, 85.8862,
113.8783

■ 5.7584, 8.1356,
13.4334

■ 93.9681, 111.4371,
145.4264

■ 2.7380, 4.1818,
7.5934

■ 120.5348,
141.6107, 182.3212

■ 1.0168, 1.7758,
3.7519

151.6888,
176.7917, 224.9813

■ 0.0000, 0.4720,
1.4902

187.7956,

■ 0.0000, 0.0000,

217.3643, 273.8252

0.2106

229.2205,
263.7129, 329.2715

■ 0.0000, 0.0000,
0.0000

■ 26.2682, 33.1271,
47.1292

■ 26.2682, 33.1271,
47.1292

■ 24.2816, 31.4900,
46.9185

■ 28.6820, 34.9968,
47.3635

■ 22.6892, 30.0663,
46.7276

■ 31.5467, 37.1092,
47.6202

■ 21.4586, 28.8398,
46.5558

■ 34.8880, 39.4782,
47.9014

■ 20.5504, 27.7903,
46.4010

■ 38.7287, 42.1158,
48.2080

■ 19.8985, 26.8836,
46.2604

■ 43.0901, 45.0329,
48.5412

■ 19.7967, 26.7359,
46.2372

■ 47.9924, 48.2401,
48.9019

■ 53.4545, 51.7470,
49.2909

■ 59.4945, 55.5631,
49.7092

■ 66.1297, 59.6974,
50.1574

Harmonies

Analogous

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



25.3748, 33.1271, 36.8859



26.2682, 33.1271, 47.1292



28.5496, 33.1271, 55.4336

Triad

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



26.2682, 33.1271, 47.1292



37.6712, 33.1271, 45.4722



31.2043, 33.1271, 20.3633

Complementary

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



26.2682, 33.1271, 47.1292



25.1427, 19.9387, 12.6494

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.



34.6178, 33.1271, 21.8392



26.2682, 33.1271, 47.1292



38.5079, 33.1271, 35.2658

Square

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



26.2682, 33.1271, 47.1292



35.1423, 33.1271, 54.3619



37.3534, 33.1271, 26.8918



28.0931, 33.1271, 22.4241

Rectangle

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



26.2682, 33.1271, 47.1292



30.6342, 33.1271, 58.0931



37.3534, 33.1271, 26.8918



32.3541, 33.1271, 20.4623

Sweetspot

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



26.2692, 33.1284, 47.1300



65.9900, 73.4775, 87.0857



22.7347, 35.0768, 18.1521



14.2989, 16.0570, 19.2679



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.



26.2692, 33.1284, 47.1300



43.8107, 56.9139, 85.0576



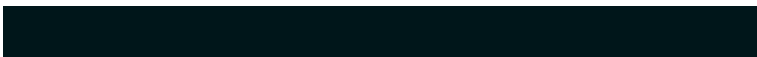
19.7797, 20.1493, 44.9668



8.6481, 9.4424, 10.8731



14.1967, 19.1937, 33.0935



0.4724, 0.6554, 1.0498

Inverse Universe

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



29.1631, 19.9101, 38.8666



49.8572, 30.6969, 67.4778



30.4231, 30.4995, 14.4095



8.8023, 8.6277, 10.4575



17.4005, 8.4777, 23.0666



0.5605, 0.2719, 0.7941

Previews

White Background



This preview shows how the XYZ color 26.2682, 33.1271, 47.1292 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 26.2682, 33.1271, 47.1292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

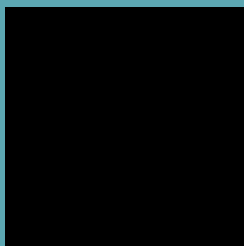
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

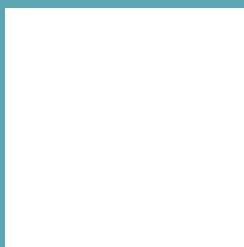
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2682, 33.1271, 47.1292

Background



This preview shows how black text looks on a background with the XYZ color 26.2682, 33.1271, 47.1292.



This preview shows how white text looks on a background with the XYZ color 26.2682, 33.1271,

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

26.2682, 33.1271, 47.1292

Protanopia

31.9482, 32.7858, 42.6747

Deuteranopia

33.3117, 32.6375, 48.2600



Tritanopia

26.5711, 33.2599, 48.1994

Trichromacy



Original Color

26.2682, 33.1271, 47.1292

Protanomaly

29.3010, 32.6387, 44.2907

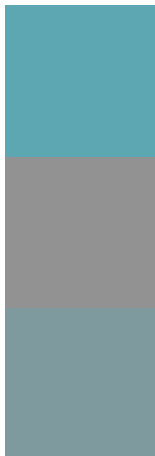
Deuteranomaly

29.9681, 32.3958, 47.8535

Tritanomaly

26.4696, 33.2193, 47.6647

Monochromacy



Original Color

26.2682, 33.1271, 47.1292

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.3313, 30.0154, 36.7535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2682, 33.1271, 47.1292 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(92, 167, 178)` looks like.

```
.text, #text, p{  
    color:rgb(92, 167, 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(92, 167, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 167, 178) }
```

Border

The CSS property to change the border of an element to XYZ 26.2682, 33.1271, 47.1292 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(92, 167, 178) }
```


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

```
.border{ border-color:rgb(92, 167, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 167, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 167, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 167, 178);  
box-shadow:4px 4px 4px 4px rgb(92, 167,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2682, 33.1271, 47.1292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 167, 178) }
```

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

```
.background{ background-color: rgb(92, 167,  
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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