

# Converting Colors

XYZ(26.6882, 32.3011, 52.4051)

Have a look what the booklet for  
XYZ(26.6882, 32.3011, 52.4051)  
contains.

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# Color

**XYZ(26.7662, 32.4571,  
52.4311)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CA4BC
RGB	92, 164, 188
RGB Percent	36%, 64%, 74%
CMY	0.6392, 0.3569, 0.2627
CMYK	0.51, 0.13, 0.00, 0.26
HSL	195°, 42%, 55%
HSV	195°, 51%, 74%
XYZ	26.7662, 32.4571, 52.4311
YIQ	145.2080, -50.6160, -7.8000

# Conversions

## Conversions Part 2

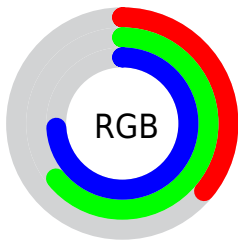
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 133, 188
Decimal	6071484
CIE <sub>Lab</sub>	63.72, -15.88, -19.32
CIE <sub>LCh</sub>	64, 25.007, 230.569
Yxy	32.4571, 0.2397, 0.2907
Android (android.graphics.Color)	4284261564 (0xFF5CA4BC)
YUV	145.2080, 21.0965, -46.6634
Hunter-Lab	56.9711, -15.8365, -14.6854

# Details

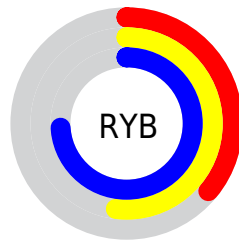
The XYZ color **26.7662, 32.4571, 52.4311** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.9170, 23.9557, 13.2260**, and the grayscale version is **26.9308, 28.3333, 30.8549**.

A 20% lighter version of the original color is **53.8734, 63.4906, 95.0034**, and **10.7324, 13.6289, 24.9867** is the 20% darker color. If you saturate the color by 10%, you get **24.2907, 29.9559, 52.0794**, and if you desaturate by 10%, it is **29.7409, 35.2631, 52.8165**.

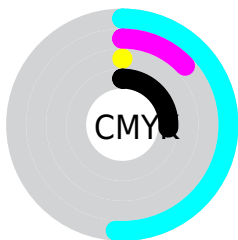
# Distribution



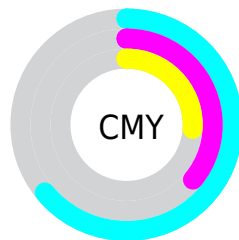
- Red (36%)
- Green (64%)
- Blue (74%)



- Red (36%)
- Yellow (52%)
- Blue (74%)



- Cyan (51%)
- Magenta (13%)
- Yellow (0%)
- Black (26%)



- Cyan (64%)
- Magenta (36%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7662, 32.4571, 52.4311 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 26.7662, 32.4571, 52.4311 by changing the saturation by 10% instead.



■ 26.7662, 32.4571,  
52.4311

■ 26.7662, 32.4571,  
52.4311

278.7116,  
313.1963, 413.1029

■ 17.5334, 21.7109,  
36.9642

■ 53.9310, 63.5270,  
95.1998

■ 10.7132, 13.6446,  
24.8842

■ 72.5937, 84.6195,  
123.3386

■ 5.9402, 7.8739,  
15.7726

■ 95.1304, 109.9294,  
156.5385

■ 2.8490, 4.0144,  
9.2108

■ 121.9065,  
139.8414, 195.2180

■ 1.0744, 1.6816,  
4.7802

153.2873,  
174.7396, 239.7957

■ 0.0036, 0.4117,  
2.0624

189.6382,

■ 0.0000, 0.0000,

215.0086, 290.6900

0.5933

231.3245,  
261.0327, 348.3195

■ 0.0000, 0.0000,  
0.0000

■ 26.7662, 32.4571,  
52.4311

■ 26.7662, 32.4571,  
52.4311

■ 24.2907, 29.9559,  
52.0794

■ 29.7409, 35.2631,  
52.8165

■ 22.2757, 27.7372,  
51.7573

■ 33.2435, 38.3872,  
53.2349

■ 20.6819, 25.7807,  
51.4637

■ 37.3040, 41.8461,  
53.6885

■ 19.4614, 24.0613,  
51.1961

■ 41.9496, 45.6541,  
54.1787

■ 18.6025, 22.6814,  
50.9751

■ 47.2051, 49.8246,  
54.7067

■ 53.0943, 54.3703,  
55.2737

■ 59.6394, 59.3031,  
55.8809

■ 66.8616, 64.6343,  
56.5292

■ 72.4612, 69.1788,  
57.1113

# Harmonies

## Analogous

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



24.9634, 32.4571, 42.5597



26.7662, 32.4571, 52.4311



29.7589, 32.4571, 57.9888

# Triad

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



26.7662, 32.4571, 52.4311



37.9823, 32.4571, 38.5964



28.5432, 32.4571, 20.1820

# Complementary

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



26.7662, 32.4571, 52.4311



28.9170, 23.9557, 13.2260

# 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.



31.9664, 32.4571, 19.5224



26.7662, 32.4571, 52.4311



37.5949, 32.4571, 28.9872

# Square

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



26.7662, 32.4571, 52.4311



36.3497, 32.4571, 49.0625



35.3283, 32.4571, 22.4369



25.9341, 32.4571, 24.4497



# Rectangle

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



26.7662, 32.4571, 52.4311



32.1014, 32.4571, 57.8964



35.3283, 32.4571, 22.4369



29.6306, 32.4571, 19.5672

# Sweetspot

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



26.7672, 32.4583, 52.4319



72.3721, 79.7744, 97.8098



25.4578, 39.4666, 22.3163



15.1828, 16.8429, 20.9934



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438



# Same Dimension

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



26.7672, 32.4583, 52.4319



43.6461, 53.8920, 94.3280



19.9231, 18.7701, 50.1505



9.6011, 10.3946, 12.1725



12.7267, 15.5651, 34.7265



0.5475, 0.7077, 1.3766



# Inverse Universe

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



31.2679, 21.0270, 37.5339



53.0413, 32.1742, 62.7474



35.6625, 37.4468, 15.4745



9.8253, 9.6544, 11.4689



17.4246, 8.6010, 18.0615



0.7073, 0.3468, 0.8377



# Previews

## White Background



This preview shows how the XYZ color 26.7662, 32.4571, 52.4311 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 26.7662, 32.4571, 52.4311 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 26.7662, 32.4571, 52.4311**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.7662, 32.4571, 52.4311.



This preview shows how white text looks on a background with the XYZ color 26.7662, 32.4571,



# 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

26.7662, 32.4571, 52.4311

### Protanopia

31.6792, 32.0477, 47.6962

### Deuteranopia

32.7047, 31.9638, 53.7361



## **Tritanopia**

25.8927, 32.6510, 47.5854

# Trichromacy



## Original Color

26.7662, 32.4571, 52.4311

## Protanomaly

29.3378, 31.7850, 49.3886

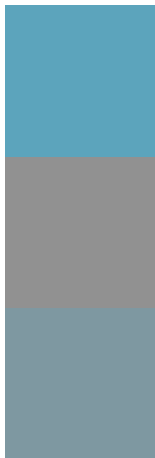
## Deuteranomaly

29.9177, 31.7496, 53.2666

## Tritanomaly

26.1151, 32.4613, 49.1452

# Monochromacy



## Original Color

26.7662, 32.4571, 52.4311

## Achromatopsia

26.9133, 28.3149, 30.8349

## Achromatomaly

26.2654, 29.4653, 38.0212

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.7662, 32.4571, 52.4311 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, 164, 188)` looks like.

```
.text, #text, p{  
    color:rgb(92, 164, 188)  
}
```

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, 164, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 164, 188) }
```

## Border

The CSS property to change the border of an element to XYZ 26.7662, 32.4571, 52.4311 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, 164, 188) }
```



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

```
.border{ border-color:rgb(92, 164, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 164, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 164, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 164, 188);  
box-shadow:4px 4px 4px 4px rgb(92, 164,  
188) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.7662, 32.4571, 52.4311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 164, 188) }
```

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

```
.background{ background-color: rgb(92, 164,  
188) }
```

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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