

# Converting Colors

XYZ(26.5505, 28.4151, 34.2227)

Have a look what the booklet for  
XYZ(26.5505, 28.4151, 34.2227)  
contains.

<b>XYZ(26.6647, 28.5706, 34.2463)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(26.6647, 28.5706,  
34.2463)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A9399
RGB	138, 147, 153
RGB Percent	54%, 58%, 60%
CMY	0.4588, 0.4235, 0.4000
CMYK	0.10, 0.04, 0.00, 0.40
HSL	204°, 7%, 57%
HSV	204°, 10%, 60%
XYZ	26.6647, 28.5706, 34.2463
YIQ	144.9930, -7.2900, -0.0420

# Conversions

## Conversions Part 2

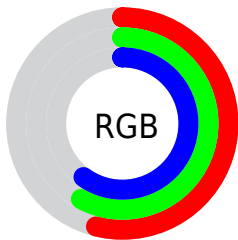
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 144, 153
Decimal	9081753
CIE Lab	60.40, -2.00, -4.29
CIE LCh	60, 4.730, 245.037
Yxy	28.5706, 0.2980, 0.3193
Android (android.graphics.Color)	4287271833 (0xFF8A9399)
YUV	144.9930, 3.9475, -6.1329
Hunter-Lab	53.4515, -4.4939, -0.5710

# Details

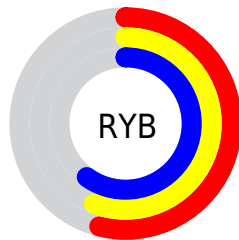
The XYZ color **26.6647, 28.5706, 34.2463** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.6977, 28.5536, 28.0968**, and the grayscale version is **26.8980, 28.2988, 30.8174**.

A 20% lighter version of the original color is **53.6350, 57.3546, 67.2752**, and **10.6975, 11.5834, 14.2424** is the 20% darker color. If you saturate the color by 10%, you get **23.3836, 25.5049, 33.8279**, and if you desaturate by 10%, it is **30.3547, 31.9237, 34.6995**.

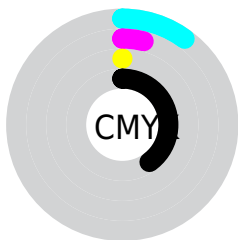
# Distribution



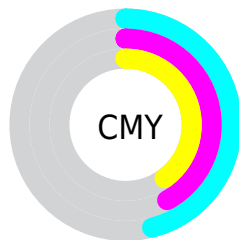
- Red (54%)
- Green (58%)
- Blue (60%)



- Red (54%)
- Yellow (56%)
- Blue (60%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (40%)



- Cyan (46%)
- Magenta (42%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6647, 28.5706, 34.2463 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 26.6647, 28.5706, 34.2463 by changing the saturation by 10% instead.



■ 26.6647, 28.5706,  
34.2463

■ 26.6647, 28.5706,  
34.2463

278.2272,  
295.1835, 336.0315

■ 17.4568, 18.7562,  
22.8040

■ 53.7690, 57.3942,  
67.4548

■ 10.6581, 11.4943,  
14.2449

■ 72.3962, 77.1721,  
90.0580

■ 5.9030, 6.4003,  
8.1505

■ 94.8939, 101.0401,  
117.2186

■ 2.8263, 3.0900,  
4.1023

121.6275,  
129.3824, 149.3552

■ 1.0626, 1.1789,  
1.6816

152.9622,  
162.5835, 186.8862

■ 0.0000, 0.0444,  
0.3481

189.2635,

■ 0.0000, 0.0000,

201.0278, 230.2303

0.0000

230.8967,  
245.0997, 279.8058

■ 26.6647, 28.5706,  
34.2463

■ 26.6647, 28.5706,  
34.2463

■ 23.3836, 25.5049,  
33.8279

■ 30.3547, 31.9237,  
34.6995

■ 20.4932, 22.7139,  
33.4416

■ 34.4659, 35.5695,  
35.1865

■ 17.9778, 20.1889,  
33.0868

■ 39.0130, 39.5172,  
35.7088

■ 15.8195, 17.9196,  
32.7625

■ 44.0093, 43.7750,  
36.2673

■ 13.9986, 15.8946,  
32.4676

■ 49.4674, 48.3504,  
36.8628

■ 12.4936, 14.1015,  
32.2008

■ 55.3997, 53.2507,  
37.4960

■ 11.2803, 12.5264,  
31.9608

■ 61.8178, 58.4831,  
38.1677

■ 10.3302, 11.1535,  
31.7458

■ 66.7175, 63.0152,  
38.7842

■ 9.5759, 9.9464,  
31.5526

■ 68.1252, 65.8307,  
39.2534

# Harmonies

## Analogous

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



26.2087, 28.5706, 33.0722



26.6647, 28.5706, 34.2463



27.2584, 28.5706, 34.5672

# Triad

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



26.6647, 28.5706, 34.2463



28.3378, 28.5706, 30.8152



26.4893, 28.5706, 28.4448

# Complementary

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



26.6647, 28.5706, 34.2463



27.6977, 28.5536, 28.0968

# 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.



27.0529, 28.5706, 27.8886



26.6647, 28.5706, 34.2463



28.1248, 28.5706, 29.2242

# Square

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



26.6647, 28.5706, 34.2463



28.2301, 28.5706, 32.5442



27.6523, 28.5706, 28.1685



26.1085, 28.5706, 29.7157



# Rectangle

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



26.6647, 28.5706, 34.2463



27.6537, 28.5706, 34.2443



27.6523, 28.5706, 28.1685



26.6633, 28.5706, 28.1702

# Sweetspot

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



26.6655, 28.5718, 34.2469



52.1285, 55.1597, 61.8714



26.8879, 30.1922, 30.6965



11.3967, 12.0768, 13.6479



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178



# Same Dimension

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



26.6655, 28.5718, 34.2469



46.2579, 49.7852, 61.1434



25.5731, 26.3869, 33.8828



6.1772, 6.6118, 7.8796



7.9357, 8.2681, 26.0853



0.1541, 0.1945, 0.4018



# Inverse Universe

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



27.4924, 27.0564, 31.3785



48.0869, 46.4905, 54.7863



28.8317, 30.8215, 28.4748



6.3566, 6.2818, 7.2578



12.4643, 6.2400, 8.9701

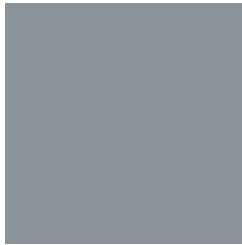


0.2042, 0.1004, 0.2284



# Previews

## White Background



This preview shows how the XYZ color 26.6647, 28.5706, 34.2463 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

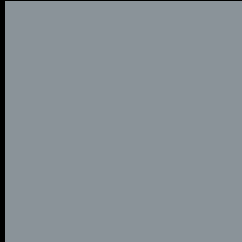
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 26.6647, 28.5706, 34.2463 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

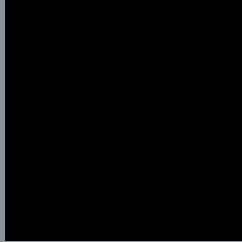
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**XYZ 26.6647, 28.5706, 34.2463**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.6647, 28.5706, 34.2463.



This preview shows how white text looks on a background with the XYZ color 26.6647, 28.5706,



# 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

26.6647, 28.5706, 34.2463

### Protanopia

27.6470, 28.6288, 33.7745

### Deuteranopia

29.0679, 28.4508, 34.5314



## Tritanopia

27.0979, 28.5154, 36.4236

# Trichromacy



## Original Color

26.6647, 28.5706, 34.2463

## Protanomaly

27.2741, 28.6644, 33.8010

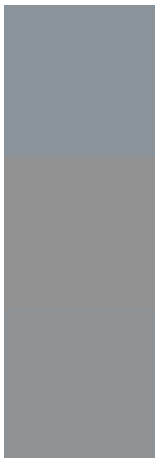
## Deuteranomaly

28.0496, 28.3676, 34.5690

## Tritanomaly

26.9271, 28.4470, 35.5241

# Monochromacy



## Original Color

26.6647, 28.5706, 34.2463

## Achromatopsia

26.9133, 28.3149, 30.8349

## Achromatomaly

26.7795, 28.4467, 32.0963

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.6647, 28.5706, 34.2463 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(138, 147, 153)` looks like.

```
.text, #text, p{  
    color:rgb(138, 147, 153)  
}
```

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(138, 147, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 147, 153) }
```

## Border

The CSS property to change the border of an element to XYZ 26.6647, 28.5706, 34.2463 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".

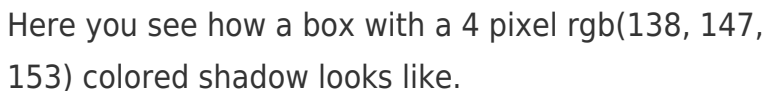
```
.border, #border, table{ border:4px solid rgb(138, 147, 153) }
```



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

```
.border{ border-color:rgb(138, 147, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 147, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 147, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 147, 153);  
box-shadow:4px 4px 4px 4px rgb(138, 147,  
153) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.6647, 28.5706, 34.2463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 147, 153) }
```

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

```
.background{ background-color: rgb(138,  
147, 153) }
```

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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