

Converting Colors

XYZ(26.5855, 33.7414, 39.4946)

Have a look what the booklet for
XYZ(26.5855, 33.7414, 39.4946)
contains.

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Color

**XYZ(26.5876, 33.7397,
39.2935)**

Conversions

Conversions Part 1

Format	Color
Hex	6BA8A2
RGB	107, 168, 162
RGB Percent	42%, 66%, 64%
CMY	0.5804, 0.3412, 0.3647
CMYK	0.36, 0.00, 0.04, 0.34
HSL	174°, 26%, 54%
HSV	174°, 36%, 66%
XYZ	26.5876, 33.7397, 39.2935
YIQ	149.0770, -34.4300, -14.7980

Conversions

Conversions Part 2

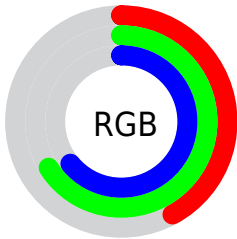
Format	Color
RYB	107, 139, 168
Decimal	7055522
CIELab	64.76, -21.08, -3.16
CIElCh	65, 21.317, 188.519
Yxy	33.7397, 0.2669, 0.3387
Android (android.graphics.Color)	4285245602 (0xFF6BA8A2)
YUV	149.0770, 6.3710, -36.9015
Hunter-Lab	58.0859, -19.9457, 0.5521

Details

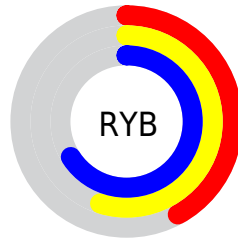
The XYZ color **26.5876, 33.7397, 39.2935** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.3879, 20.0334, 18.2055**, and the grayscale version is **28.5846, 30.0733, 32.7498**.

A 20% lighter version of the original color is **53.6100, 65.3622, 75.4363**, and **10.6354, 14.4288, 16.9763** is the 20% darker color. If you saturate the color by 10%, you get **24.6150, 32.7405, 38.4398**, and if you desaturate by 10%, it is **28.9565, 34.9447, 40.1773**.

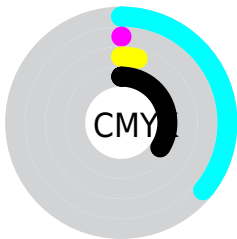
Distribution



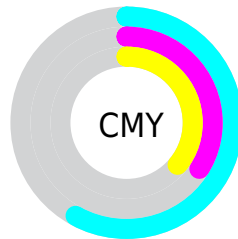
- Red (42%)
- Green (66%)
- Blue (64%)



- Red (42%)
- Yellow (55%)
- Blue (66%)



- Cyan (36%)
- Magenta (0%)
- Yellow (4%)
- Black (34%)





- Cyan (58%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5876, 33.7397, 39.2935 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 26.5876, 33.7397, 39.2935 by changing the saturation by 10% instead.


 26.5876, 33.7397,
39.2935


 26.5876, 33.7397,
39.2935

277.8589,
318.9698, 358.5999


 17.3987, 22.6937,
26.6785


 53.6460, 65.5287,
75.3117


 10.6162, 14.3675,
17.1016

 72.2461, 87.0404,
99.5521

 5.8748, 8.3767,
10.1443


 94.7142, 112.8096,
128.5047

 2.8090, 4.3369,
5.3879

 121.4153,
143.2205, 162.5881

 1.0536, 1.8638,
2.4139

152.7150,
178.6576, 202.2207

 0.0000, 0.5265,
0.7940

188.9786,

 0.0000, 0.0000,

219.5053, 247.8212

0.0000

230.5715,
266.1479, 299.8081

■ 26.5876, 33.7397,
39.2935

■ 26.5876, 33.7397,
39.2935

■ 24.6150, 32.7405,
38.4398

■ 28.9565, 34.9447,
40.1773

■ 23.0130, 31.9313,
37.6128

■ 31.7398, 36.3622,
41.0898

■ 21.7573, 31.3004,
36.8120

■ 34.9580, 38.0037,
42.0329

■ 20.8197, 30.8332,
36.0361

■ 38.6293, 39.8786,
43.0074

■ 20.1674, 30.5129,
35.2834

■ 42.7709, 41.9957,
44.0141

■ 19.7551, 30.3162,
34.5519

■ 47.3992, 44.3634,
45.0539

■ 19.6276, 30.2562,
34.2855

■ 52.5297, 46.9898,
46.1274

■ 58.1772, 49.8825,
47.2356

■ 63.1669, 52.4359,
48.3233

Harmonies

Analogous

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



26.8926, 33.7397, 30.8978



26.5876, 33.7397, 39.2935



27.6762, 33.7397, 48.2790

Triad

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



26.5876, 33.7397, 39.2935



35.8795, 33.7397, 51.5833



34.2748, 33.7397, 23.1660

Complementary

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



26.5876, 33.7397, 39.2935



24.3879, 20.0334, 18.2055

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.



36.9027, 33.7397, 27.1985



26.5876, 33.7397, 39.2935



37.8694, 33.7397, 43.2687

Square

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



26.5876, 33.7397, 39.2935



32.9493, 33.7397, 56.0784



38.2553, 33.7397, 34.2935



31.2037, 33.7397, 22.4486

Rectangle

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



26.5876, 33.7397, 39.2935



29.0892, 33.7397, 53.0874



38.2553, 33.7397, 34.2935



35.2448, 33.7397, 24.1439

Sweetspot

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



26.5886, 33.7410, 39.2943



60.4761, 67.4513, 75.4275



23.4804, 32.5855, 18.9626



13.0187, 14.6186, 16.3920



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.5886, 33.7410, 39.2943



45.1595, 59.6600, 69.9815



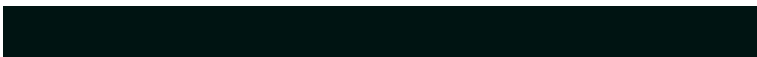
23.0450, 25.7796, 40.8087



7.7153, 8.5191, 9.4867



14.8319, 22.8515, 25.9456



0.3697, 0.5595, 0.6778

Inverse Universe

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



24.3879, 20.0334, 18.2055



40.5485, 30.8992, 25.7653



26.9736, 25.7277, 17.4548



7.5600, 7.5539, 8.0001



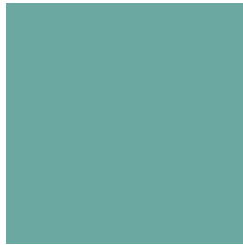
12.2777, 6.3198, 1.0081



0.3077, 0.1574, 0.0718

Previews

White Background



This preview shows how the XYZ color 26.5876, 33.7397, 39.2935 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 26.5876, 33.7397, 39.2935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

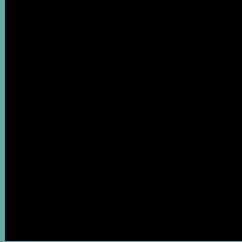
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.5876, 33.7397, 39.2935

Background



This preview shows how black text looks on a background with the XYZ color 26.5876, 33.7397, 39.2935.

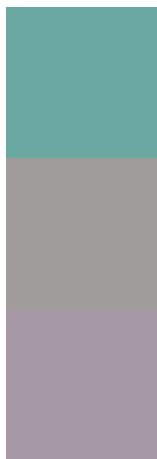


This preview shows how white text looks on a background with the XYZ color 26.5876, 33.7397,

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

26.5876, 33.7397, 39.2935

Protanopia

32.1029, 33.5144, 35.7873

Deuteranopia

33.9561, 33.3886, 40.2523



Tritanopia

28.1474, 33.5444, 47.6390

Trichromacy



Original Color

26.5876, 33.7397, 39.2935

Protanomaly

29.5576, 33.1857, 37.1954

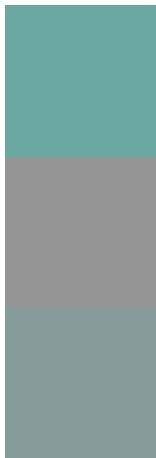
Deuteranomaly

30.6048, 33.1538, 39.9082

Tritanomaly

27.6095, 33.6046, 44.5663

Monochromacy



Original Color

26.5876, 33.7397, 39.2935

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.5527, 31.1784, 35.1377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5876, 33.7397, 39.2935 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(107, 168, 162)` looks like.

```
.text, #text, p{  
    color:rgb(107, 168, 162)  
}
```

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(107, 168, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 168, 162) }
```

Border

The CSS property to change the border of an element to XYZ 26.5876, 33.7397, 39.2935 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(107, 168, 162) }
```


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

```
.border{ border-color:rgb(107, 168, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 168, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 168, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 168, 162);  
box-shadow:4px 4px 4px 4px rgb(107, 168,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5876, 33.7397, 39.2935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 168, 162) }
```

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

```
.background{ background-color: rgb(107,  
168, 162) }
```

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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