

Converting Colors

XYZ(26.6836, 32.0274, 39.3510)

Have a look what the booklet for
XYZ(26.6836, 32.0274, 39.3510)
contains.

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Color

**XYZ(26.5582, 31.8471,
39.3977)**

Conversions

Conversions Part 1

Format	Color
Hex	74A1A3
RGB	116, 161, 163
RGB Percent	45%, 63%, 64%
CMY	0.5451, 0.3686, 0.3608
CMYK	0.29, 0.01, 0.00, 0.36
HSL	183°, 20%, 55%
HSV	183°, 29%, 64%
XYZ	26.5582, 31.8471, 39.3977
YIQ	147.7730, -27.4620, -8.9180

Conversions

Conversions Part 2

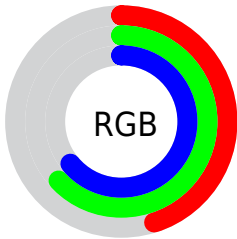
Format	Color
RYB	116, 139, 163
Decimal	7643555
CIELab	63.22, -14.57, -5.94
CIElCh	63, 15.732, 202.173
Yxy	31.8471, 0.2715, 0.3256
Android (android.graphics.Color)	4285833635 (0xFF74A1A3)
YUV	147.7730, 7.5069, -27.8649
Hunter-Lab	56.4332, -14.7538, -1.8888

Details

The XYZ color **26.5582, 31.8471, 39.3977** is a light color, and the websafe version is hex **669999**. A complement of this color would be **24.7355, 22.0046, 19.4673**, and the grayscale version is **28.0324, 29.4923, 32.1171**.

A 20% lighter version of the original color is **53.5729, 62.6087, 75.5908**, and **10.5179, 13.2088, 17.0341** is the 20% darker color. If you saturate the color by 10%, you get **24.4583, 30.5861, 39.2655**, and if you desaturate by 10%, it is **29.0409, 33.3081, 39.5494**.

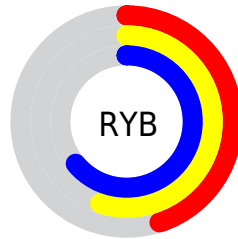
Distribution



Red (45%)

Green (63%)

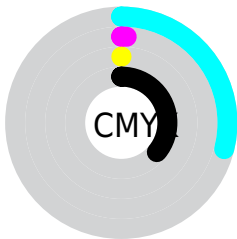
Blue (64%)



Red (45%)

Yellow (55%)

Blue (64%)

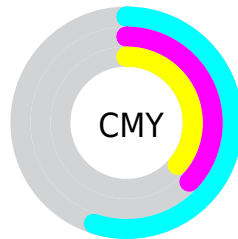


Cyan (29%)

Magenta (1%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (37%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5582, 31.8471, 39.3977 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 26.5582, 31.8471, 39.3977 by changing the saturation by 10% instead.

■ 26.5582, 31.8471,
39.3977

■ 26.5582, 31.8471,
39.3977

277.7183,
310.4222, 359.0547

■ 17.3766, 21.2447,
26.7590

■ 53.5990, 62.5713,
75.4725

■ 10.6003, 13.3030,
17.1615

■ 72.1889, 83.4620,
99.7457

■ 5.8641, 7.6375,
10.1865

■ 94.6456, 108.5508,
128.7342

■ 2.8025, 3.8639,
5.4156

121.3344,
138.2223, 162.8565

■ 1.0502, 1.5977,
2.4301

152.6207,
172.8608, 202.5312

■ 0.0000, 0.3561,
0.8028

188.8699,

■ 0.0000, 0.0000,

212.8506, 248.1768

0.0000

230.4473,
258.5763, 300.2117

■ 26.5582, 31.8471,
39.3977

■ 26.5582, 31.8471,
39.3977

■ 24.4583, 30.5861,
39.2655

■ 29.0409, 33.3081,
39.5494

■ 22.7184, 29.5108,
39.1497

■ 31.9219, 34.9746,
39.7192

■ 21.3178, 28.6115,
39.0499

■ 35.2195, 36.8568,
39.9087

■ 20.2326, 27.8758,
38.9651

■ 38.9498, 38.9631,
40.1186

■ 19.4356, 27.2896,
38.8939

■ 43.1282, 41.3014,
40.3498

■ 18.8950, 26.8366,
38.8350

■ 47.7692, 43.8792,
40.6027

■ 18.5488, 26.4848,
38.7853

■ 52.8868, 46.7038,
40.8782

■ 18.5115, 26.4454,
38.7797

■ 58.4944, 49.7819,
41.1768

■ 61.7137, 51.6298,
41.3638

Harmonies

Analogous

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



26.3111, 31.8471, 33.0698



26.5582, 31.8471, 39.3977



27.7757, 31.8471, 45.0277

Triad

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



26.5582, 31.8471, 39.3977



33.6961, 31.8471, 42.5559



30.8431, 31.8471, 24.1084

Complementary

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



26.5582, 31.8471, 39.3977



24.7355, 22.0046, 19.4673

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.



32.9088, 31.8471, 26.0466



26.5582, 31.8471, 39.3977



34.6067, 31.8471, 36.3336

Square

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



26.5582, 31.8471, 39.3977



31.8763, 31.8471, 46.9979



34.3118, 31.8471, 30.3476



28.7180, 31.8471, 24.7214

Rectangle

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



26.5582, 31.8471, 39.3977



29.0068, 31.8471, 47.3796



34.3118, 31.8471, 30.3476



31.5687, 31.8471, 24.4742

Sweetspot

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



26.5591, 31.8484, 39.3984



56.9850, 62.5301, 71.1222



23.5446, 31.2057, 21.7879



12.6276, 13.9457, 15.9638



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.5591, 31.8484, 39.3984



44.9284, 55.4590, 70.3928



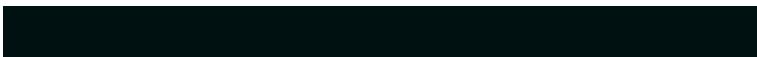
22.8929, 24.5159, 38.1763



7.2502, 7.9594, 9.0573



14.3952, 20.5699, 30.1415



0.3098, 0.4469, 0.6358

Inverse Universe

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



27.7834, 22.8513, 36.6661



47.5247, 36.5784, 64.5536



27.7920, 28.1176, 20.4861



7.3513, 7.1970, 8.8361



16.4115, 7.9207, 25.1554



0.3486, 0.1679, 0.5481

Previews

White Background



This preview shows how the XYZ color 26.5582, 31.8471, 39.3977 looks on a white background.

Color Contrast Check

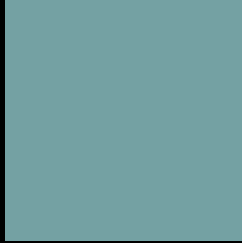
Large Text (above 18pt) WCAG AA × Fail

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 26.5582, 31.8471, 39.3977 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

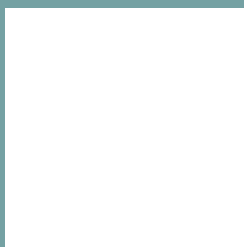
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5582, 31.8471, 39.3977

Background



This preview shows how black text looks on a background with the XYZ color 26.5582, 31.8471, 39.3977.



This preview shows how white text looks on a background with the XYZ color 26.5582, 31.8471,

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

26.5582, 31.8471, 39.3977

Protanopia

30.6405, 31.7608, 36.4138

Deuteranopia

32.1708, 31.5100, 40.4629



Tritanopia

27.4884, 31.9717, 43.7521

Trichromacy



Original Color

26.5582, 31.8471, 39.3977

Protanomaly

28.7946, 31.5213, 37.3675

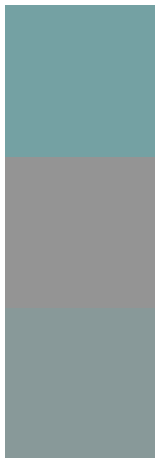
Deuteranomaly

29.8598, 31.5188, 40.1073

Tritanomaly

27.0684, 31.7881, 42.2452

Monochromacy



Original Color

26.5582, 31.8471, 39.3977

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.2943, 30.3166, 34.5501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5582, 31.8471, 39.3977 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(116, 161, 163)` looks like.

```
.text, #text, p{  
    color:rgb(116, 161, 163)  
}
```

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(116, 161, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 161, 163) }
```

Border

The CSS property to change the border of an element to XYZ 26.5582, 31.8471, 39.3977 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(116, 161, 163) }
```


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

```
.border{ border-color:rgb(116, 161, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 161, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 161, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 161, 163);  
box-shadow:4px 4px 4px 4px rgb(116, 161,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5582, 31.8471, 39.3977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 161, 163) }
```

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

```
.background{ background-color: rgb(116,  
161, 163) }
```

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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