

Converting Colors

XYZ(26.6577, 32.8179, 40.3184)

Have a look what the booklet for
XYZ(26.6577, 32.8179, 40.3184)
contains.

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Color

**XYZ(26.8022, 33.0064,
40.5556)**

Conversions

Conversions Part 1

Format	Color
Hex	6FA5A5
RGB	111, 165, 165
RGB Percent	44%, 65%, 65%
CMY	0.5647, 0.3529, 0.3529
CMYK	0.33, 0.00, 0.00, 0.35
HSL	180°, 23%, 54%
HSV	180°, 33%, 65%
XYZ	26.8022, 33.0064, 40.5556
YIQ	148.8540, -32.1840, -11.4480

Conversions

Conversions Part 2

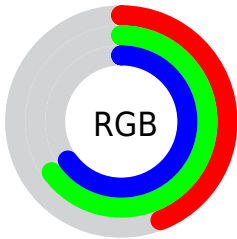
Format	Color
RYB	111, 138, 165
Decimal	7316901
CIELab	64.17, -17.66, -5.68
CIElCh	64, 18.556, 197.833
Yxy	33.0064, 0.2670, 0.3289
Android (android.graphics.Color)	4285506981 (0xFF6FA5A5)
YUV	148.8540, 7.9600, -33.1980
Hunter-Lab	57.4512, -17.2656, -1.6378

Details

The XYZ color **26.8022, 33.0064, 40.5556** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.0719, 20.5168, 17.7315**, and the grayscale version is **28.4838, 29.9671, 32.6342**.

A 20% lighter version of the original color is **54.0285, 64.3530, 77.2839**, and **10.6894, 13.9323, 17.7486** is the 20% darker color. If you saturate the color by 10%, you get **24.9150, 32.0344, 40.4677**, and if you desaturate by 10%, it is **29.0748, 34.1788, 40.6629**.

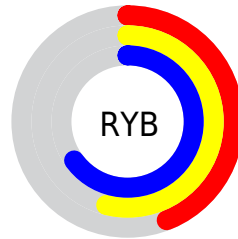
Distribution



Red (44%)

Green (65%)

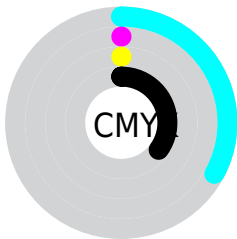
Blue (65%)



Red (44%)

Yellow (54%)

Blue (65%)

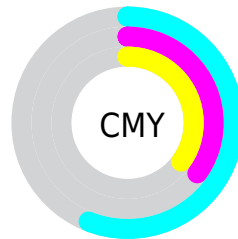


Cyan (33%)

Magenta (0%)

Yellow (0%)

Black (35%)



Cyan (56%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8022, 33.0064, 40.5556 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 26.8022, 33.0064, 40.5556 by changing the saturation by 10% instead.

■ 26.8022, 33.0064,
40.5556

■ 26.8022, 33.0064,
40.5556

278.8832,
315.6786, 364.0813

■ 17.5605, 22.1313,
27.6549

■ 53.9884, 64.3855,
77.2551

■ 10.7327, 13.9534,
17.8289

■ 72.6637, 85.6584,
101.8911

■ 5.9534, 8.0883,
10.6591

■ 95.2143, 111.1660,
131.2759

■ 2.8571, 4.1515,
5.7268

■ 122.0054,
141.2927, 165.8280

■ 1.0787, 1.7587,
2.6136

153.4025,
176.4229, 205.9661

■ 0.0072, 0.4612,
0.8995

189.7709,

■ 0.0000, 0.0000,

216.9410, 252.1087

0.0000

231.4760,
263.2314, 304.6742

■ 26.8022, 33.0064,
40.5556

■ 26.8022, 33.0064,
40.5556

■ 24.9150, 32.0344,
40.4677

■ 29.0748, 34.1788,
40.6629

■ 23.3893, 31.2478,
40.3960

■ 31.7495, 35.5577,
40.7884

■ 22.2027, 30.6361,
40.3402

■ 34.8455, 37.1537,
40.9336

■ 21.3294, 30.1859,
40.2991

■ 38.3798, 38.9757,
41.0992

■ 20.7398, 29.8820,
40.2712

■ 42.3686, 41.0320,
41.2862

■ 20.3987, 29.7061,
40.2550

■ 46.8272, 43.3304,
41.4951

■ 20.2470, 29.6279,
40.2477

■ 51.7702, 45.8786,
41.7267

■ 57.2116, 48.6838,
41.9817

■ 61.4878, 50.8883,
42.1821

Harmonies

Analogous

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



26.6860, 33.0064, 32.9732



26.8022, 33.0064, 40.5556



28.0997, 33.0064, 47.7693

Triad

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



26.8022, 33.0064, 40.5556



35.2686, 33.0064, 46.5568



32.4489, 33.0064, 23.5649

Complementary

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



26.8022, 33.0064, 40.5556



24.0719, 20.5168, 17.7315

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.



34.8881, 33.0064, 26.2424



26.8022, 33.0064, 40.5556



36.5759, 33.0064, 39.0762

Square

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



26.8022, 33.0064, 40.5556



32.9449, 33.0064, 51.5531



36.4329, 33.0064, 31.6856



29.8492, 33.0064, 23.8455

Rectangle

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



26.8022, 33.0064, 40.5556



29.5030, 33.0064, 51.0783



36.4329, 33.0064, 31.6856



33.3174, 33.0064, 24.1315

Sweetspot

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



26.8032, 33.0077, 40.5564



58.1966, 64.3682, 73.1088



22.9947, 31.4975, 19.9072



12.5688, 13.9927, 15.9758



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.



26.8032, 33.0077, 40.5564



45.5678, 57.8579, 72.5164



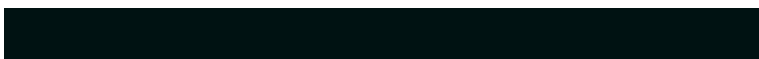
22.5662, 24.5334, 39.1449



7.2761, 8.0113, 9.0658



15.3164, 22.4129, 30.4466



0.3218, 0.4709, 0.6398

Inverse Universe

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



24.0719, 20.5168, 17.7315



39.9350, 32.0978, 25.4446



27.3473, 27.0679, 18.8228



7.0738, 7.0860, 7.3750



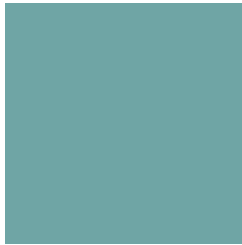
11.7389, 6.0516, 0.5495



0.2467, 0.1272, 0.0116

Previews

White Background



This preview shows how the XYZ color 26.8022, 33.0064, 40.5556 looks on a white background.

Color Contrast Check

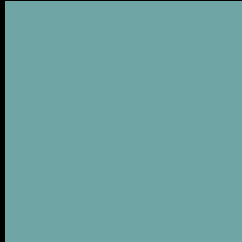
Large Text (above 18pt) WCAG AA × Fail

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 26.8022, 33.0064, 40.5556 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

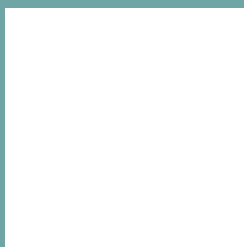
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8022, 33.0064, 40.5556

Background



This preview shows how black text looks on a background with the XYZ color 26.8022, 33.0064, 40.5556.

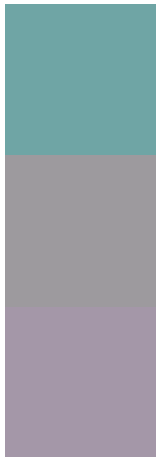


This preview shows how white text looks on a background with the XYZ color 26.8022, 33.0064,

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

26.8022, 33.0064, 40.5556

Protanopia

31.6318, 32.7479, 37.0016

Deuteranopia

33.4443, 32.8529, 41.6243



Tritanopia

27.8731, 32.9064, 45.9568

Trichromacy



Original Color

26.8022, 33.0064, 40.5556

Protanomaly

29.4751, 32.6024, 38.4576

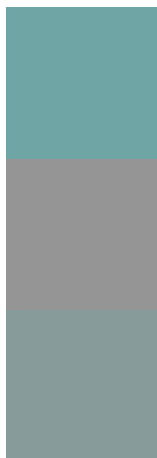
Deuteranomaly

30.5406, 32.5867, 41.2394

Tritanomaly

27.5319, 33.0402, 43.9560

Monochromacy



Original Color

26.8022, 33.0064, 40.5556

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.6294, 30.9601, 35.5300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8022, 33.0064, 40.5556 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(111, 165, 165)` looks like.

```
.text, #text, p{  
    color:rgb(111, 165, 165)  
}
```

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(111, 165, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 165, 165) }
```

Border

The CSS property to change the border of an element to XYZ 26.8022, 33.0064, 40.5556 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(111, 165, 165) }
```


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

```
.border{ border-color:rgb(111, 165, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 165, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 165, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 165, 165);  
box-shadow:4px 4px 4px 4px rgb(111, 165,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8022, 33.0064, 40.5556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 165, 165) }
```

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

```
.background{ background-color: rgb(111,  
165, 165) }
```

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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