

Converting Colors

XYZ(26.3673, 31.5617, 45.9404)

Have a look what the booklet for
XYZ(26.3673, 31.5617, 45.9404)
contains.

XYZ(26.4070, 31.6276, 45.7872)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.4070, 31.6276,
45.7872)**

Conversions

Conversions Part 1

Format	Color
Hex	69A1B0
RGB	105, 161, 176
RGB Percent	41%, 63%, 69%
CMY	0.5882, 0.3686, 0.3098
CMYK	0.40, 0.09, 0.00, 0.31
HSL	193°, 31%, 55%
HSV	193°, 40%, 69%
XYZ	26.4070, 31.6276, 45.7872
YIQ	145.9660, -38.1910, -7.2070

Conversions

Conversions Part 2

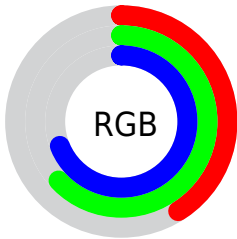
Format	Color
RYB	105, 136, 176
Decimal	6922672
CIELab	63.03, -14.40, -13.57
CIELCh	63, 19.792, 223.301
Yxy	31.6276, 0.2543, 0.3046
Android (android.graphics.Color)	4285112752 (0xFF69A1B0)
YUV	145.9660, 14.8068, -35.9272
Hunter-Lab	56.2384, -14.6018, -8.9048

Details

The XYZ color **26.4070, 31.6276, 45.7872** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.1712, 23.6833, 16.5046**, and the grayscale version is **27.2609, 28.6806, 31.2332**.

A 20% lighter version of the original color is **53.4194, 62.3089, 85.5552**, and **10.4600, 13.0974, 20.7156** is the 20% darker color. If you saturate the color by 10%, you get **23.9100, 29.3908, 45.4876**, and if you desaturate by 10%, it is **29.3531, 34.1260, 46.1147**.

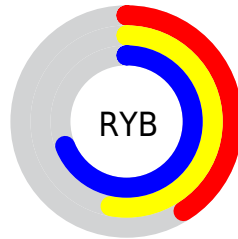
Distribution



Red (41%)

Green (63%)

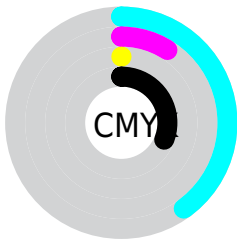
Blue (69%)



Red (41%)

Yellow (53%)

Blue (69%)

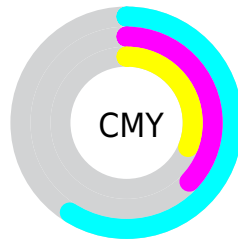


Cyan (40%)

Magenta (9%)

Yellow (0%)

Black (31%)



Cyan (59%)

Magenta (37%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4070, 31.6276, 45.7872 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 26.4070, 31.6276, 45.7872 by changing the saturation by 10% instead.

■ 26.4070, 31.6276,
45.7872

■ 26.4070, 31.6276,
45.7872

276.9945,
309.4193, 386.2052

■ 17.2626, 21.0772,
31.7305

■ 53.3574, 62.2268,
85.2314

■ 10.5184, 13.1805,
20.8926

■ 71.8942, 83.0445,
111.4559

■ 5.8089, 7.5529,
12.8550

■ 94.2926, 108.0533,
142.5734

■ 2.7688, 3.8102,
7.1993

■ 120.9178,
137.6377, 179.0025

■ 1.0327, 1.5680,
3.5067

152.1352,
172.1822, 221.1617

■ 0.0000, 0.3359,
1.3588

188.3103,

■ 0.0000, 0.0000,

212.0710, 269.4695

0.1093

229.8082,
257.6886, 324.3445

■ 0.0000, 0.0000,
0.0000

■ 26.4070, 31.6276,
45.7872

■ 26.4070, 31.6276,
45.7872

■ 23.9100, 29.3908,
45.4876

■ 29.3531, 34.1260,
46.1147

■ 21.8324, 27.3980,
45.2125

■ 32.7698, 36.8953,
46.4692

■ 20.1455, 25.6347,
44.9610

■ 36.6808, 39.9485,
46.8524

■ 18.8154, 24.0833,
44.7317

■ 41.1071, 43.2968,
47.2654

■ 17.8024, 22.7231,
44.5225

■ 46.0688, 46.9508,
47.7091

■ 17.0434, 21.5483,
44.3358

■ 51.5846, 50.9202,
48.1846

■ 57.6724, 55.2146,
48.6926

■ 64.3492, 59.8430,
49.2341

■ 68.4719, 63.1852,
49.6619

Harmonies

Analogous

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



25.2451, 31.6276, 38.0059



26.4070, 31.6276, 45.7872



28.5806, 31.6276, 50.9016

Triad

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



26.4070, 31.6276, 45.7872



35.3639, 31.6276, 38.9312



28.8717, 31.6276, 21.8012

Complementary

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



26.4070, 31.6276, 45.7872



27.1712, 23.6833, 16.5046

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.



31.5919, 31.6276, 21.9714



26.4070, 31.6276, 45.7872



35.4536, 31.6276, 31.0990

Square

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



26.4070, 31.6276, 45.7872



33.7995, 31.6276, 46.5523



34.0376, 31.6276, 25.1372



26.6090, 31.6276, 24.6305

Rectangle

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



26.4070, 31.6276, 45.7872



30.3638, 31.6276, 51.6945



34.0376, 31.6276, 25.1372



29.7604, 31.6276, 21.5240

Sweetspot

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



26.4080, 31.6288, 45.7879



65.1294, 71.3768, 84.8397



24.6935, 35.3913, 23.0462



13.9148, 15.3138, 18.3668



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.4080, 31.6288, 45.7879



43.9938, 53.8843, 82.5773



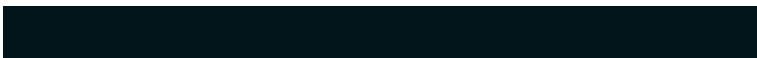
21.1621, 21.1371, 44.0393



8.5873, 9.3207, 10.8528



12.5483, 15.8969, 32.5440



0.4331, 0.5767, 1.0367

Inverse Universe

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



29.3899, 21.9072, 36.3991



50.2787, 34.4825, 62.5445



32.1264, 33.5936, 18.1563



8.7716, 8.6154, 10.2957



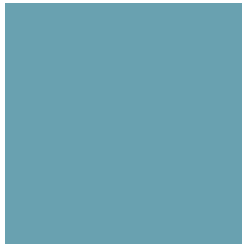
16.5684, 8.1449, 18.6852



0.5406, 0.2640, 0.6896

Previews

White Background



This preview shows how the XYZ color 26.4070, 31.6276, 45.7872 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 26.4070, 31.6276, 45.7872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

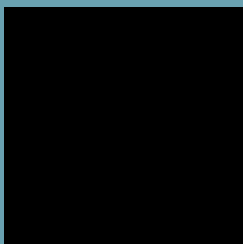
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

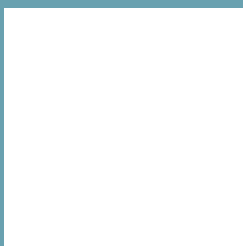
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4070, 31.6276, 45.7872

Background



This preview shows how black text looks on a background with the XYZ color 26.4070, 31.6276, 45.7872.



This preview shows how white text looks on a background with the XYZ color 26.4070, 31.6276,

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

26.4070, 31.6276, 45.7872

Protanopia

30.6225, 31.3874, 41.9805

Deuteranopia

32.0530, 31.3045, 47.0008



Tritanopia

26.2105, 31.5490, 44.7525

Trichromacy



Original Color

26.4070, 31.6276, 45.7872

Protanomaly

28.8406, 31.4078, 43.5720

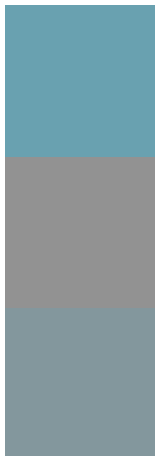
Deuteranomaly

29.5805, 31.2311, 46.5886

Tritanomaly

26.3084, 31.5881, 45.2680

Monochromacy



Original Color

26.4070, 31.6276, 45.7872

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.5125, 29.3928, 36.1743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4070, 31.6276, 45.7872 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(105, 161, 176)` looks like.

```
.text, #text, p{  
    color:rgb(105, 161, 176)  
}
```

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(105, 161, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 161, 176) }
```

Border

The CSS property to change the border of an element to XYZ 26.4070, 31.6276, 45.7872 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(105, 161, 176) }
```


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

```
.border{ border-color:rgb(105, 161, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 161, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 161, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 161, 176);  
box-shadow:4px 4px 4px 4px rgb(105, 161,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4070, 31.6276, 45.7872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 161, 176) }
```

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

```
.background{ background-color: rgb(105,  
161, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor