

Converting Colors

XYZ(26.6452, 33.2040, 40.1327)

Have a look what the booklet for
XYZ(26.6452, 33.2040, 40.1327)
contains.

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Color

**XYZ(26.6437, 33.2040,
40.1267)**

Conversions

Conversions Part 1

Format	Color
Hex	6DA6A4
RGB	109, 166, 164
RGB Percent	43%, 65%, 64%
CMY	0.5725, 0.3490, 0.3569
CMYK	0.34, 0.00, 0.01, 0.35
HSL	178°, 24%, 54%
HSV	178°, 34%, 65%
XYZ	26.6437, 33.2040, 40.1267
YIQ	148.7290, -33.3300, -12.7060

Conversions

Conversions Part 2

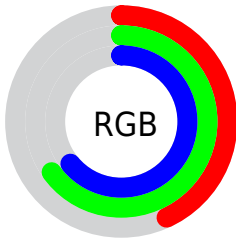
Format	Color
RYB	109, 138, 166
Decimal	7186084
CIELab	64.33, -19.00, -4.90
CIELCh	64, 19.621, 194.456
Yxy	33.2040, 0.2665, 0.3321
Android (android.graphics.Color)	4285376164 (0xFF6DA6A4)
YUV	148.7290, 7.5286, -34.8423
Hunter-Lab	57.6229, -18.3052, -0.9516

Details

The XYZ color **26.6437, 33.2040, 40.1267** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.0649, 20.1928, 17.6693**, and the grayscale version is **28.4334, 29.9142, 32.5765**.

A 20% lighter version of the original color is **53.7469, 64.6139, 76.6568**, and **10.6293, 14.0743, 17.4856** is the 20% darker color. If you saturate the color by 10%, you get **24.7391, 32.2290, 39.7640**, and if you desaturate by 10%, it is **28.9362, 34.3806, 40.5102**.

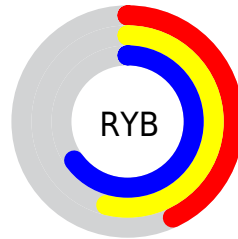
Distribution



Red (43%)

Green (65%)

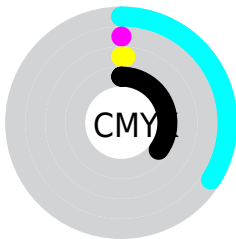
Blue (64%)



Red (43%)

Yellow (54%)

Blue (65%)

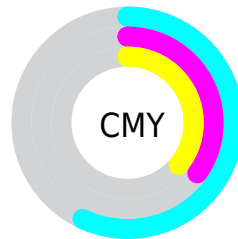


Cyan (34%)

Magenta (0%)

Yellow (1%)

Black (35%)



Cyan (57%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6437, 33.2040, 40.1267 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 26.6437, 33.2040, 40.1267 by changing the saturation by 10% instead.

■ 26.6437, 33.2040,
40.1267

■ 26.6437, 33.2040,
40.1267

278.1269,
316.5680, 362.2253

■ 17.4410, 22.2828,
27.3228

■ 53.7355, 64.6939,
76.5956

■ 10.6467, 14.0648,
17.5812

■ 72.3554, 86.0313,
101.0977

■ 5.8953, 8.1658,
10.4834

■ 94.8450, 111.6097,
130.3363

■ 2.8216, 4.2012,
5.6109

■ 121.5697,
141.8132, 164.7299

■ 1.0601, 1.7867,
2.5450

152.8949,
177.0264, 204.6970

■ 0.0000, 0.4789,
0.8639

189.1859,

■ 0.0000, 0.0000,

217.6337, 250.6563

0.0000

230.8082,
264.0194, 303.0262

■ 26.6437, 33.2040,
40.1267

■ 26.6437, 33.2040,
40.1267

■ 24.7391, 32.2290,
39.7640

■ 28.9362, 34.3806,
40.5102

■ 23.1976, 31.4404,
39.4189

■ 31.6337, 35.7650,
40.9133

■ 21.9964, 30.8272,
39.0909

■ 34.7559, 37.3684,
41.3374

■ 21.1086, 30.3755,
38.7789

■ 38.3202, 39.1997,
41.7836

■ 20.5034, 30.0695,
38.4813

■ 42.3433, 41.2675,
42.2524

■ 20.1437, 29.8900,
38.1965

■ 46.8407, 43.5797,
42.7447

■ 19.9971, 29.8177,
38.0384

■ 51.8274, 46.1442,
43.2612

■ 57.3178, 48.9683,
43.8026

■ 62.0616, 51.4075,
44.3103

Harmonies

Analogous

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



26.6673, 33.2040, 32.1900



26.6437, 33.2040, 40.1267



27.8824, 33.2040, 48.0186

Triad

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



26.6437, 33.2040, 40.1267



35.4683, 33.2040, 48.2685



33.0192, 33.2040, 23.2780

Complementary

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



26.6437, 33.2040, 40.1267



24.0649, 20.1928, 17.6693

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.



35.5462, 33.2040, 26.4241



26.6437, 33.2040, 40.1267



37.0160, 33.2040, 40.4297

Square

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



26.6437, 33.2040, 40.1267



32.9178, 33.2040, 53.1681



37.0453, 33.2040, 32.4517



30.2389, 33.2040, 23.2217

Rectangle

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



26.6437, 33.2040, 40.1267



29.3018, 33.2040, 51.8656



37.0453, 33.2040, 32.4517



33.9300, 33.2040, 23.9859

Sweetspot

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



26.6447, 33.2053, 40.1275



59.6667, 66.0663, 74.5654



23.0605, 31.8128, 19.3936



13.1845, 14.6982, 16.6632



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.



26.6447, 33.2053, 40.1275



45.7231, 58.9131, 72.3315



22.6199, 24.8640, 39.6850



7.7360, 8.5274, 9.5959



15.5099, 23.1227, 29.5154



0.3807, 0.5639, 0.7359

Inverse Universe

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



24.0649, 20.1928, 17.6693



40.3419, 31.7599, 25.4781



27.1026, 26.4427, 18.1440



7.5414, 7.5464, 7.9022



12.2231, 6.2980, 0.7206



0.3006, 0.1545, 0.0346

Previews

White Background



This preview shows how the XYZ color 26.6437, 33.2040, 40.1267 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 26.6437, 33.2040, 40.1267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

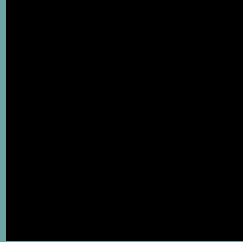
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.6437, 33.2040, 40.1267

Background



This preview shows how black text looks on a background with the XYZ color 26.6437, 33.2040, 40.1267.

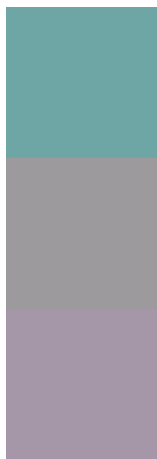


This preview shows how white text looks on a background with the XYZ color 26.6437, 33.2040,

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

26.6437, 33.2040, 40.1267

Protanopia

31.5460, 32.7136, 36.5500

Deuteranopia

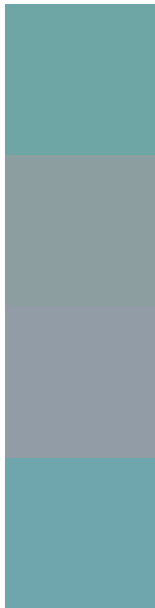
33.5587, 32.9226, 41.1452



Tritanopia

27.8934, 33.1700, 46.5273

Trichromacy



Original Color

26.6437, 33.2040, 40.1267

Protanomaly

29.3872, 32.5672, 37.9949

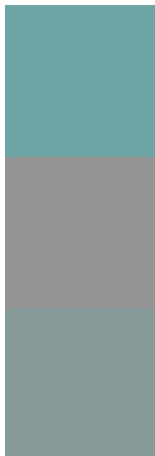
Deuteranomaly

30.4485, 32.5498, 40.7543

Tritanomaly

27.4571, 33.2683, 44.0040

Monochromacy



Original Color

26.6437, 33.2040, 40.1267

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.3856, 30.8441, 35.0820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6437, 33.2040, 40.1267 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(109, 166, 164)` looks like.

```
.text, #text, p{  
    color:rgb(109, 166, 164)  
}
```

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(109, 166, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 166, 164) }
```

Border

The CSS property to change the border of an element to XYZ 26.6437, 33.2040, 40.1267 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(109, 166, 164) }
```


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

```
.border{ border-color:rgb(109, 166, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 166, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 166, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 166, 164);  
box-shadow:4px 4px 4px 4px rgb(109, 166,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6437, 33.2040, 40.1267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 166, 164) }
```

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

```
.background{ background-color: rgb(109,  
166, 164) }
```

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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