

Converting Colors

XYZ(26.1038, 32.2394, 41.0998)

Have a look what the booklet for
XYZ(26.1038, 32.2394, 41.0998)
contains.

XYZ(26.1023, 32.3683, 40.9484)	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(26.1023, 32.3683,
40.9484)**

Conversions

Conversions Part 1

Format	Color
Hex	6AA4A6
RGB	106, 164, 166
RGB Percent	42%, 64%, 65%
CMY	0.5843, 0.3569, 0.3490
CMYK	0.36, 0.01, 0.00, 0.35
HSL	182°, 25%, 53%
HSV	182°, 36%, 65%
XYZ	26.1023, 32.3683, 40.9484
YIQ	146.8860, -35.2100, -11.6740

Conversions

Conversions Part 2

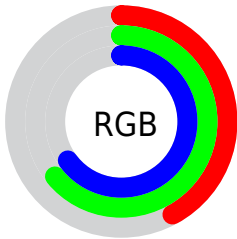
Format	Color
RYB	106, 135, 166
Decimal	6988966
CIELab	63.65, -18.30, -7.04
CIElCh	64, 19.610, 201.045
Yxy	32.3683, 0.2625, 0.3256
Android (android.graphics.Color)	4285179046 (0xFF6AA4A6)
YUV	146.8860, 9.4232, -35.8570
Hunter-Lab	56.8931, -17.6681, -2.8483

Details

The XYZ color **26.1023, 32.3683, 40.9484** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.6905, 19.8731, 16.2237**, and the grayscale version is **27.6596, 29.1001, 31.6900**.

A 20% lighter version of the original color is **52.8799, 63.3571, 77.8487**, and **10.3528, 13.5875, 17.9966** is the 20% darker color. If you saturate the color by 10%, you get **24.2189, 31.2516, 40.8327**, and if you desaturate by 10%, it is **28.3699, 33.6853, 41.0836**.

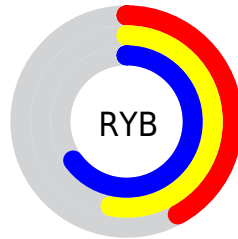
Distribution



Red (42%)

Green (64%)

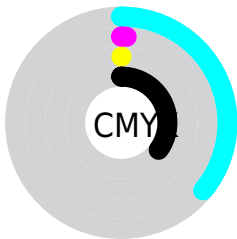
Blue (65%)



Red (42%)

Yellow (53%)

Blue (65%)

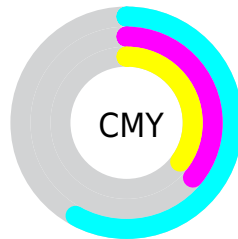


Cyan (36%)

Magenta (1%)

Yellow (0%)

Black (35%)



Cyan (58%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1023, 32.3683, 40.9484 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 26.1023, 32.3683, 40.9484 by changing the saturation by 10% instead.

■ 26.1023, 32.3683,
40.9484

■ 26.1023, 32.3683,
40.9484

275.5314,
312.7936, 365.7752

■ 17.0333, 21.6430,
27.9594

■ 52.8701, 63.3880,
77.8584

■ 10.3537, 13.5948,
18.0563

■ 71.2995, 84.4512,
102.6164

■ 5.6981, 7.8394,
10.8205

■ 93.5798, 109.7291,
132.1345

■ 2.7013, 3.9923,
5.8336

■ 120.0763,
139.6062, 166.8312

■ 0.9979, 1.6693,
2.6770

151.1543,
174.4667, 207.1251

■ 0.0000, 0.4036,
0.9318

187.1793,

■ 0.0000, 0.0000,

214.6952, 253.4347

0.0000

228.5165,
260.6760, 306.1785

■ 26.1023, 32.3683,
40.9484

■ 26.1023, 32.3683,
40.9484

■ 24.2189, 31.2516,
40.8327

■ 28.3699, 33.6853,
41.0836

■ 22.6947, 30.3199,
40.7332

■ 31.0392, 35.2092,
41.2371

■ 21.5064, 29.5620,
40.6495

■ 34.1301, 36.9511,
41.4104

■ 20.6264, 28.9637,
40.5804

■ 37.6602, 38.9201,
41.6044

■ 20.0231, 28.5087,
40.5244

■ 41.6463, 41.1247,
41.8199

■ 19.6532, 28.1746,
40.4794

■ 46.1042, 43.5733,
42.0575

■ 19.5360, 28.0591,
40.4633

■ 51.0489, 46.2734,
42.3181

■ 56.4949, 49.2326,
42.6022

■ 62.3070, 52.3812,
42.9036

Harmonies

Analogous

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



25.8456, 32.3683, 32.9451



26.1023, 32.3683, 40.9484



27.5681, 32.3683, 48.3373

Triad

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



26.1023, 32.3683, 40.9484



35.0497, 32.3683, 45.6142



31.5931, 32.3683, 22.3337

Complementary

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



26.1023, 32.3683, 40.9484



23.6905, 19.8731, 16.2237

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.



34.2002, 32.3683, 24.7577



26.1023, 32.3683, 40.9484



36.2723, 32.3683, 37.6465

Square

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



26.1023, 32.3683, 40.9484



32.6974, 32.3683, 51.2970



35.9525, 32.3683, 30.0949



28.9105, 32.3683, 22.9465

Rectangle

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



26.1023, 32.3683, 40.9484



29.0842, 32.3683, 51.5393



35.9525, 32.3683, 30.0949



32.5096, 32.3683, 22.8053

Sweetspot

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



26.1033, 32.3696, 40.9491



59.0052, 65.4112, 74.9910



22.2346, 31.3988, 18.7994



13.0433, 14.5470, 16.7725



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.



26.1033, 32.3696, 40.9491



44.6959, 57.1623, 74.1530



21.4915, 23.1461, 39.4119



7.7258, 8.4886, 9.6496



15.1560, 21.7722, 31.3791



0.3751, 0.5425, 0.7656

Inverse Universe

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



27.5816, 21.0962, 37.7417



47.7845, 33.8525, 67.3972



27.2738, 27.0397, 17.4182



7.8310, 7.6622, 9.4270



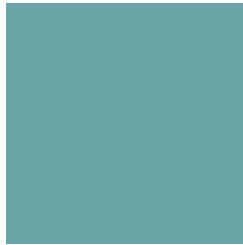
17.1506, 8.2690, 26.6686



0.4205, 0.2025, 0.6658

Previews

White Background



This preview shows how the XYZ color 26.1023, 32.3683, 40.9484 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 26.1023, 32.3683, 40.9484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

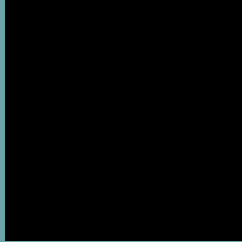
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.1023, 32.3683, 40.9484

Background



This preview shows how black text looks on a background with the XYZ color 26.1023, 32.3683, 40.9484.

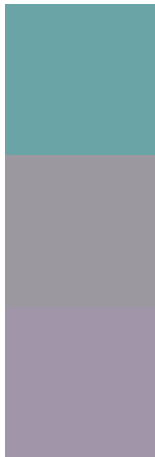


This preview shows how white text looks on a background with the XYZ color 26.1023, 32.3683,

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

26.1023, 32.3683, 40.9484

Protanopia

31.1668, 32.2542, 37.3839

Deuteranopia

32.6068, 31.9365, 41.9819



Tritanopia

27.1180, 32.5171, 45.9215

Trichromacy



Original Color

26.1023, 32.3683, 40.9484

Protanomaly

28.8951, 32.0409, 38.8440

Deuteranomaly

29.6080, 31.6011, 41.5849

Tritanomaly

26.6070, 32.2987, 43.8617

Monochromacy



Original Color

26.1023, 32.3683, 40.9484

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.7397, 30.0211, 34.9572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1023, 32.3683, 40.9484 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(106, 164, 166)` looks like.

```
.text, #text, p{  
    color:rgb(106, 164, 166)  
}
```

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(106, 164, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 164, 166) }
```

Border

The CSS property to change the border of an element to XYZ 26.1023, 32.3683, 40.9484 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(106, 164, 166) }
```


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

```
.border{ border-color:rgb(106, 164, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 164, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 164, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 164, 166);  
box-shadow:4px 4px 4px 4px rgb(106, 164,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1023, 32.3683, 40.9484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 164, 166) }
```

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

```
.background{ background-color: rgb(106,  
164, 166) }
```

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