

Converting Colors

XYZ(25.9280, 32.4565, 41.7173)

Have a look what the booklet for
XYZ(25.9280, 32.4565, 41.7173)
contains.

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Color

**XYZ(26.0025, 32.5622,
41.9604)**

Conversions

Conversions Part 1

Format	Color
Hex	66A5A8
RGB	102, 165, 168
RGB Percent	40%, 65%, 66%
CMY	0.6000, 0.3529, 0.3412
CMYK	0.39, 0.02, 0.00, 0.34
HSL	183°, 27%, 53%
HSV	183°, 39%, 66%
XYZ	26.0025, 32.5622, 41.9604
YIQ	146.5050, -38.5110, -12.4230

Conversions

Conversions Part 2

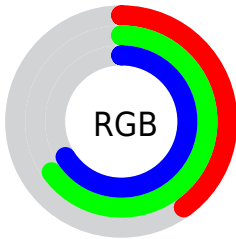
Format	Color
RYB	102, 134, 168
Decimal	6727080
CIELab	63.80, -19.40, -7.95
CIELCh	64, 20.966, 202.277
Yxy	32.5622, 0.2587, 0.3239
Android (android.graphics.Color)	4284917160 (0xFF66A5A8)
YUV	146.5050, 10.5970, -39.0309
Hunter-Lab	57.0633, -18.5222, -3.6535

Details

The XYZ color **26.0025, 32.5622, 41.9604** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.5988, 19.3877, 15.0695**, and the grayscale version is **27.4989, 28.9310, 31.5058**.

A 20% lighter version of the original color is **52.6228, 63.5820, 79.3111**, and **10.3241, 13.7242, 18.6279** is the 20% darker color. If you saturate the color by 10%, you get **24.1511, 31.4048, 41.8351**, and if you desaturate by 10%, it is **28.2425, 33.9227, 42.1055**.

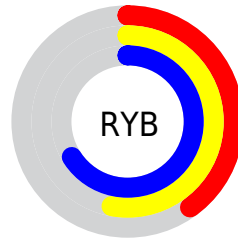
Distribution



Red (40%)

Green (65%)

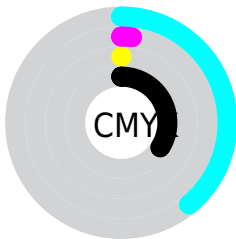
Blue (66%)



Red (40%)

Yellow (53%)

Blue (66%)

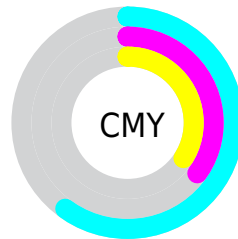


Cyan (39%)

Magenta (2%)

Yellow (0%)

Black (34%)



Cyan (60%)

Magenta (35%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0025, 32.5622, 41.9604 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 26.0025, 32.5622, 41.9604 by changing the saturation by 10% instead.

■ 26.0025, 32.5622,
41.9604

■ 26.0025, 32.5622,
41.9604

275.0508,
313.6723, 370.1136

■ 16.9582, 21.7913,
28.7449

■ 52.7103, 63.6914,
79.4091

■ 10.2998, 13.7036,
18.6440

■ 71.1044, 84.8185,
104.4795

■ 5.6620, 7.9148,
11.2392

■ 93.3459, 110.1664,
134.3386

■ 2.6793, 4.0405,
6.1117

■ 119.8001,
140.1195, 169.4049

■ 0.9866, 1.6962,
2.8433

150.8323,
175.0623, 210.0970

■ 0.0000, 0.4212,
1.0152

186.8079,

■ 0.0000, 0.0000,

215.3791, 256.8335

0.0000

228.0923,
261.4543, 310.0328

■ 26.0025, 32.5622,
41.9604

■ 26.0025, 32.5622,
41.9604

■ 24.1511, 31.4048,
41.8351

■ 28.2425, 33.9227,
42.1055

■ 22.6620, 30.4346,
41.7264

■ 30.8896, 35.4935,
42.2692

■ 21.5102, 29.6395,
41.6336

■ 33.9648, 37.2863,
42.4531

■ 20.6660, 29.0042,
41.5555

■ 37.4867, 39.3105,
42.6582

■ 20.0951, 28.5110,
41.4904

■ 41.4728, 41.5753,
42.8853

■ 19.7275, 28.1238,
41.4350

■ 45.9396, 44.0891,
43.1351

■ 19.7029, 28.0970,
41.4311

■ 50.9029, 46.8601,
43.4083

■ 56.3777, 49.8960,
43.7058

■ 62.3783, 53.2043,
44.0281

Harmonies

Analogous

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



25.6735, 32.5622, 33.3211



26.0025, 32.5622, 41.9604



27.6144, 32.5622, 49.8814

Triad

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



26.0025, 32.5622, 41.9604



35.6449, 32.5622, 46.3241



31.7161, 32.5622, 21.6974

Complementary

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



26.0025, 32.5622, 41.9604



23.5988, 19.3877, 15.0695

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.



34.5426, 32.5622, 24.1181



26.0025, 32.5622, 41.9604



36.9027, 32.5622, 37.6775

Square

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



26.0025, 32.5622, 41.9604



33.1446, 32.5622, 52.6663



36.4870, 32.5622, 29.6588



28.8533, 32.5622, 22.4725

Rectangle

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



26.0025, 32.5622, 41.9604



29.2585, 32.5622, 53.2419



36.4870, 32.5622, 29.6588



32.7042, 32.5622, 22.1490

Sweetspot

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



26.0035, 32.5635, 41.9612



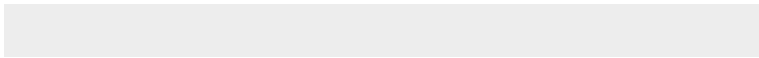
59.9125, 66.6627, 76.9346



21.9917, 31.8342, 18.1363



12.9059, 14.4409, 16.7593



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.



26.0035, 32.5635, 41.9612



44.2619, 57.2655, 75.9456



20.9083, 22.3730, 40.2628



7.7179, 8.4728, 9.6470



14.8890, 21.2382, 31.2901



0.3708, 0.5339, 0.7641

Inverse Universe

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



27.6921, 20.5450, 38.1048



47.7923, 32.5370, 67.7941



27.5215, 27.2331, 16.3771



7.8270, 7.6606, 9.4060



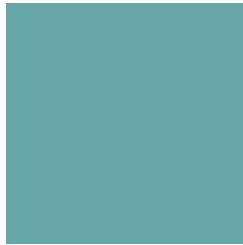
17.0159, 8.2151, 25.9589



0.4183, 0.2016, 0.6544

Previews

White Background



This preview shows how the XYZ color 26.0025, 32.5622, 41.9604 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 26.0025, 32.5622, 41.9604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

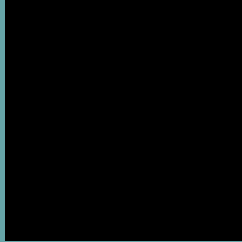
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.0025, 32.5622, 41.9604

Background



This preview shows how black text looks on a background with the XYZ color 26.0025, 32.5622, 41.9604.

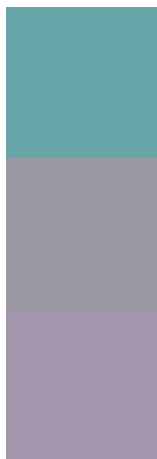


This preview shows how white text looks on a background with the XYZ color 26.0025, 32.5622,

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

26.0025, 32.5622, 41.9604

Protanopia

31.3418, 32.3242, 38.3055

Deuteranopia

32.9550, 32.3300, 43.0315



Tritanopia

26.9202, 32.6683, 46.4817

Trichromacy



Original Color

26.0025, 32.5622, 41.9604

Protanomaly

28.9112, 32.0285, 39.7803

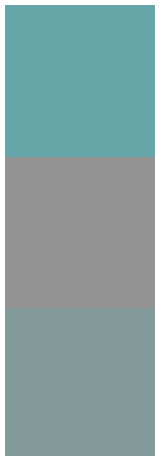
Deuteranomaly

29.7923, 31.9204, 42.6212

Tritanomaly

26.5090, 32.4905, 44.9185

Monochromacy



Original Color

26.0025, 32.5622, 41.9604

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.8321, 30.3031, 35.4452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0025, 32.5622, 41.9604 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(102, 165, 168)` looks like.

```
.text, #text, p{  
    color:rgb(102, 165, 168)  
}
```

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(102, 165, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 165, 168) }
```

Border

The CSS property to change the border of an element to XYZ 26.0025, 32.5622, 41.9604 is called "border". The border property can be set on classes, ids or directly on the HTML element.

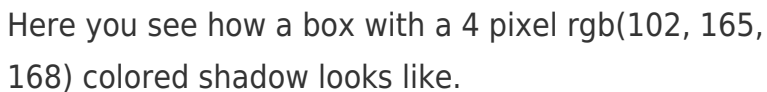
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(102, 165, 168) }
```


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

```
.border{ border-color:rgb(102, 165, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(102, 165, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 165, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 165, 168); box-shadow:4px 4px 4px 4px rgb(102, 165, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0025, 32.5622, 41.9604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 165, 168) }
```

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

```
.background{ background-color: rgb(102,  
165, 168) }
```

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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