

Converting Colors

XYZ(26.3619, 32.9782, 25.2263)

Have a look what the booklet for
XYZ(26.3619, 32.9782, 25.2263)
contains.

XYZ(26.3777, 32.8553, 25.3735)	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(26.3777, 32.8553,
25.3735)**

Conversions

Conversions Part 1

Format	Color
Hex	82A480
RGB	130, 164, 128
RGB Percent	51%, 64%, 50%
CMY	0.4902, 0.3568, 0.4980
CMYK	0.21, 0.00, 0.22, 0.36
HSL	117°, 17%, 57%
HSV	117°, 22%, 64%
XYZ	26.3777, 32.8553, 25.3735
YIQ	149.7300, -8.7080, -18.4040

Conversions

Conversions Part 2

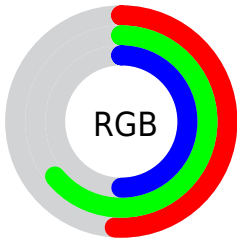
Format	Color
RYB	128, 164, 162
Decimal	8561792
CIELab	64.04, -18.88, 14.93
CIELCh	64, 24.068, 141.656
Yxy	32.8553, 0.3118, 0.3883
Android (android.graphics.Color)	4286751872 (0xFF82A480)
YUV	149.7300, -10.7129, -17.3032
Hunter-Lab	57.3195, -18.1658, 13.8779

Details

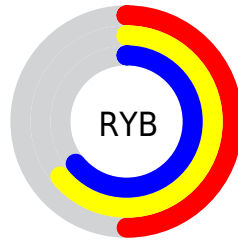
The XYZ color **26.3777, 32.8553, 25.3735** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.3216, 25.8010, 38.5584**, and the grayscale version is **28.9223, 30.4286, 33.1367**.

A 20% lighter version of the original color is **53.2004, 64.0665, 53.2782**, and **10.5137, 13.8583, 9.5179** is the 20% darker color. If you saturate the color by 10%, you get **23.1847, 31.3250, 20.0374**, and if you desaturate by 10%, it is **30.1046, 34.6426, 31.6468**.

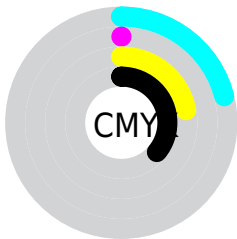
Distribution



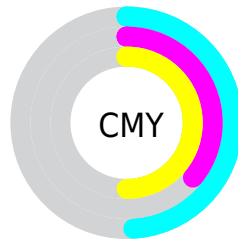
- Red (51%)
- Green (64%)
- Blue (50%)



- Red (50%)
- Yellow (64%)
- Blue (64%)



- Cyan (21%)
- Magenta (0%)
- Yellow (22%)
- Black (36%)



- Cyan (49%)
- Magenta (36%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3777, 32.8553, 25.3735 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 26.3777, 32.8553, 25.3735 by changing the saturation by 10% instead.

■ 26.3777, 32.8553,
25.3735

■ 26.3777, 32.8553,
25.3735

276.8541,
314.9972, 293.1999

■ 17.2406, 22.0156,
16.1340

■ 53.3106, 64.1496,
53.2341

■ 10.5025, 13.8684,
9.4636

■ 71.8371, 85.3729,
72.6923

■ 5.7982, 8.0292,
4.9439

■ 94.2241, 110.8263,
96.3938

■ 2.7623, 4.1136,
2.1562

120.8370,
140.8941, 124.7572

■ 1.0293, 1.7373,
0.6489

152.0410,
175.9607, 158.2009

■ 0.0000, 0.4476,
0.0000

188.2017,

■ 0.0000, 0.0000,

216.4104, 197.1436

0.0000

229.6843,
262.6278, 242.0037

■ 26.3777, 32.8553,
25.3735

■ 26.3777, 32.8553,
25.3735

■ 23.1847, 31.3250,
20.0374

■ 30.1046, 34.6426,
31.6468

■ 20.4988, 30.0360,
15.5915

■ 34.3856, 36.6935,
38.8970

■ 18.2946, 28.9772,
11.9880

■ 39.2430, 39.0196,
47.1641

■ 16.5436, 28.1349,
9.1738

■ 44.6970, 41.6306,
56.4851

■ 15.2141, 27.4943,
7.0898

■ 50.7669, 44.5356,
66.8954

■ 14.2706, 27.0385,
5.6684

■ 57.4713, 47.7435,
78.4285

■ 13.6716, 26.7476,
4.8298

■ 64.8277, 51.2626,
91.1168

■ 13.3901, 26.6110,
4.4307

■ 72.1687, 54.8273,
101.3868

■ 72.5661, 55.0322,
101.4054

Harmonies

Analogous

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



28.8778, 32.8553, 21.0457



26.3777, 32.8553, 25.3735



25.1979, 32.8553, 33.1260

Triad

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



26.3777, 32.8553, 25.3735



30.2892, 32.8553, 57.6712



37.7042, 32.8553, 29.3018

Complementary

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



26.3777, 32.8553, 25.3735



29.3216, 25.8010, 38.5584

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.



38.1506, 32.8553, 38.5592



26.3777, 32.8553, 25.3735



33.7023, 32.8553, 56.1410

Square

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



26.3777, 32.8553, 25.3735



27.3466, 32.8553, 52.5525



36.6391, 32.8553, 48.6867



35.4603, 32.8553, 23.0108

Rectangle

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



26.3777, 32.8553, 25.3735



25.2548, 32.8553, 39.6901



36.6391, 32.8553, 48.6867



38.0757, 32.8553, 32.1241

Sweetspot

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



26.3786, 32.8567, 25.3742



58.2597, 64.6122, 63.5591



32.0576, 35.1527, 25.5181



12.6444, 14.0813, 13.7389



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.



26.3786, 32.8567, 25.3742



45.1320, 58.3203, 41.4557



27.1821, 33.1430, 31.1911



7.0203, 7.9129, 7.5374



10.2800, 20.4100, 3.3977



0.2263, 0.4342, 0.0719

Inverse Universe

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



29.3216, 25.8010, 38.5584



51.3714, 43.3573, 69.4136



28.4072, 25.4825, 31.6058



7.3253, 7.1821, 8.9033



15.4998, 7.3969, 27.5406



0.3366, 0.1611, 0.5792

Previews

White Background



This preview shows how the XYZ color 26.3777, 32.8553, 25.3735 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 26.3777, 32.8553, 25.3735 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 26.3777, 32.8553, 25.3735

Background



This preview shows how black text looks on a background with the XYZ color 26.3777, 32.8553, 25.3735.



This preview shows how white text looks on a background with the XYZ color 26.3777, 32.8553,

25.3735.

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

26.3777, 32.8553, 25.3735

Protanopia

30.4406, 32.4338, 23.3948

Deuteranopia

33.2043, 32.5986, 26.0148



Tritanopia

29.8941, 32.7124, 43.2666

Trichromacy



Original Color

26.3777, 32.8553, 25.3735

Protanomaly

28.8774, 32.6098, 24.1744

Deuteranomaly

30.2828, 32.3000, 25.7575

Tritanomaly

28.3187, 32.5765, 35.8057

Monochromacy



Original Color

26.3777, 32.8553, 25.3735

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.9315, 31.2353, 30.1481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3777, 32.8553, 25.3735 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(130, 164, 128)` looks like.

```
.text, #text, p{  
    color:rgb(130, 164, 128)  
}
```

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(130, 164, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 164, 128) }
```

Border

The CSS property to change the border of an element to XYZ 26.3777, 32.8553, 25.3735 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(130, 164, 128) }
```


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

```
.border{ border-color:rgb(130, 164, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 164, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 164, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 164, 128);  
box-shadow:4px 4px 4px 4px rgb(130, 164,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3777, 32.8553, 25.3735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 164, 128) }
```

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

```
.background{ background-color: rgb(130,  
164, 128) }
```

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