

Converting Colors

XYZ(26.3244, 32.9104, 25.5008)

Have a look what the booklet for
XYZ(26.3244, 32.9104, 25.5008)
contains.

XYZ(26.2250, 32.7766, 25.3664)	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(26.2250, 32.7766,
25.3664)**

Conversions

Conversions Part 1

Format	Color
Hex	81A480
RGB	129, 164, 128
RGB Percent	51%, 64%, 50%
CMY	0.4941, 0.3568, 0.4980
CMYK	0.21, 0.00, 0.22, 0.36
HSL	118°, 17%, 57%
HSV	118°, 22%, 64%
XYZ	26.2250, 32.7766, 25.3664
YIQ	149.4310, -9.3040, -18.6160

Conversions

Conversions Part 2

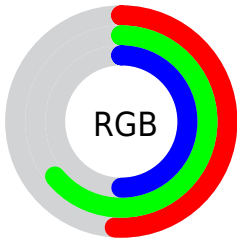
Format	Color
RYB	128, 164, 163
Decimal	8496256
CIELab	63.98, -19.23, 14.83
CIELCh	64, 24.287, 142.358
Yxy	32.7766, 0.3108, 0.3885
Android (android.graphics.Color)	4286686336 (0xFF81A480)
YUV	149.4310, -10.5655, -17.9180
Hunter-Lab	57.2509, -18.4232, 13.8057

Details

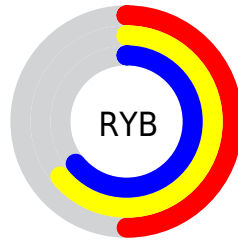
The XYZ color **26.2250, 32.7766, 25.3664** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.5257, 25.9062, 38.5680**, and the grayscale version is **28.7954, 30.2950, 32.9913**.

A 20% lighter version of the original color is **52.9634, 63.9443, 53.2671**, and **10.4299, 13.8151, 9.5140** is the 20% darker color. If you saturate the color by 10%, you get **22.9958, 31.2276, 20.0286**, and if you desaturate by 10%, it is **30.0085, 34.5930, 31.6424**.

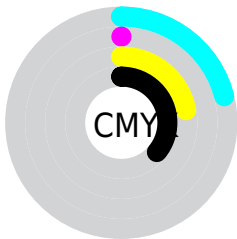
Distribution



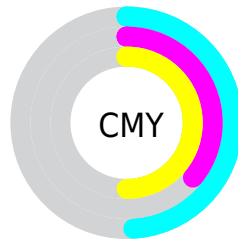
- Red (51%)
- Green (64%)
- Blue (50%)



- 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 26.2250, 32.7766, 25.3664 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 26.2250, 32.7766, 25.3664 by changing the saturation by 10% instead.

■ 26.2250, 32.7766,
25.3664

■ 26.2250, 32.7766,
25.3664

276.1213,
314.6419, 293.1636

■ 17.1256, 21.9554,
16.1287

■ 53.0664, 64.0266,
53.2225

■ 10.4199, 13.8241,
9.4600

■ 71.5392, 85.2241,
72.6780

■ 5.7427, 7.9984,
4.9415

■ 93.8671, 110.6492,
96.3765

■ 2.7284, 4.0939,
2.1548

120.4155,
140.6863, 124.7366

■ 1.0118, 1.7263,
0.6481

151.5497,
175.7197, 158.1769

■ 0.0000, 0.4406,
0.0000

187.6352,

■ 0.0000, 0.0000,

216.1338, 197.1157

0.0000

229.0373,
262.3131, 241.9718

■ 26.2250, 32.7766,
25.3664

■ 26.2250, 32.7766,
25.3664

■ 22.9958, 31.2276,
20.0286

■ 30.0085, 34.5930,
31.6424

■ 20.2923, 29.9296,
15.5818

■ 34.3677, 36.6843,
38.8962

■ 18.0877, 28.8705,
11.9783

■ 39.3264, 39.0626,
47.1680

■ 16.3512, 28.0358,
9.1648

■ 44.9059, 41.7383,
56.4950

■ 15.0492, 27.4093,
7.0821

■ 51.1267, 44.7211,
66.9123

■ 14.1432, 26.9728,
5.6625

■ 58.0082, 48.0203,
78.4538

■ 13.5882, 26.7046,
4.8259

■ 65.5693, 51.6450,
91.1516

■ 13.3331, 26.5816,
4.4280

■ 72.5661, 55.0323,
101.4054

Harmonies

Analogous

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



28.7151, 32.7766, 20.9355



26.2250, 32.7766, 25.3664



25.0726, 32.7766, 33.2389

Triad

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



26.2250, 32.7766, 25.3664



30.2858, 32.7766, 57.8292



37.6477, 32.7766, 28.9850

Complementary

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



26.2250, 32.7766, 25.3664



29.5257, 25.9062, 38.5680

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.



38.1451, 32.7766, 38.2548



26.2250, 32.7766, 25.3664



33.7255, 32.7766, 56.1217

Square

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



26.2250, 32.7766, 25.3664



27.3026, 32.7766, 52.7987



36.6630, 32.7766, 48.4873



35.3497, 32.7766, 22.7423

Rectangle

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



26.2250, 32.7766, 25.3664



25.1541, 32.7766, 39.8779



36.6630, 32.7766, 48.4873



38.0375, 32.7766, 31.8026

Sweetspot

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



26.2259, 32.7780, 25.3671



58.1486, 64.5549, 63.5539



32.2694, 35.5762, 25.5887



12.6184, 14.0679, 13.7377



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.



26.2259, 32.7780, 25.3671



44.8205, 58.1597, 41.4411



27.2741, 33.1798, 31.6752



7.0029, 7.9040, 7.5366



10.2295, 20.3840, 3.3954



0.2201, 0.4310, 0.0716

Inverse Universe

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



29.5257, 25.9062, 38.5680



51.8173, 43.5872, 69.4344



28.3124, 25.4446, 31.1063



7.3448, 7.1921, 8.9042



16.1762, 7.7456, 27.5723



0.3455, 0.1656, 0.5796

Previews

White Background



This preview shows how the XYZ color 26.2250, 32.7766, 25.3664 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 26.2250, 32.7766, 25.3664 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 26.2250, 32.7766, 25.3664

Background



This preview shows how black text looks on a background with the XYZ color 26.2250, 32.7766, 25.3664.



This preview shows how white text looks on a background with the XYZ color 26.2250, 32.7766,

25.3664.

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

26.2250, 32.7766, 25.3664

Protanopia

30.4406, 32.4338, 23.3948

Deuteranopia

33.2043, 32.5986, 26.0148



Tritanopia

29.7309, 32.6282, 43.2590

Trichromacy



Original Color

26.2250, 32.7766, 25.3664

Protanomaly

28.6910, 32.5137, 24.1656

Deuteranomaly

30.0821, 32.1965, 25.7481

Tritanomaly

28.1601, 32.4947, 35.7983

Monochromacy



Original Color

26.2250, 32.7766, 25.3664

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.5186, 30.7851, 29.6910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2250, 32.7766, 25.3664 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(129, 164, 128)` looks like.

```
.text, #text, p{  
    color:rgb(129, 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(129, 164, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 164, 128) }
```

Border

The CSS property to change the border of an element to XYZ 26.2250, 32.7766, 25.3664 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(129, 164, 128) }
```


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

```
.border{ border-color:rgb(129, 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(129, 164, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 164, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 164, 128);  
box-shadow:4px 4px 4px 4px rgb(129, 164,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2250, 32.7766, 25.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 164, 128) }
```

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

```
.background{ background-color: rgb(129,  
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](#).

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