

Converting Colors

XYZ(25.3592, 32.5940, 26.6066)

Have a look what the booklet for
XYZ(25.3592, 32.5940, 26.6066)
contains.

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Color

**XYZ(25.3657, 32.5693,
26.7794)**

Conversions

Conversions Part 1

Format	Color
Hex	78A584
RGB	120, 165, 132
RGB Percent	47%, 65%, 52%
CMY	0.5294, 0.3529, 0.4823
CMYK	0.27, 0.00, 0.20, 0.35
HSL	136°, 20%, 56%
HSV	136°, 27%, 65%
XYZ	25.3657, 32.5693, 26.7794
YIQ	147.7830, -16.2270, -19.8030

Conversions

Conversions Part 2

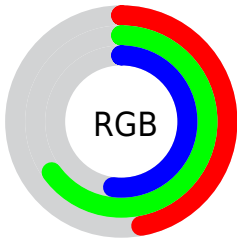
Format	Color
RYB	120, 156, 165
Decimal	7906692
CIELab	63.81, -22.10, 12.30
CIELCh	64, 25.289, 150.905
Yxy	32.5693, 0.2994, 0.3845
Android (android.graphics.Color)	4286096772 (0xFF78A584)
YUV	147.7830, -7.7810, -24.3657
Hunter-Lab	57.0695, -20.5337, 12.1273

Details

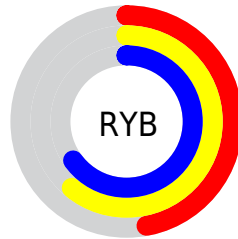
The XYZ color **25.3657, 32.5693, 26.7794** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.9844, 23.7329, 33.2442**, and the grayscale version is **28.0948, 29.5579, 32.1886**.

A 20% lighter version of the original color is **51.5837, 63.5734, 55.4511**, and **9.9539, 13.7215, 10.1065** is the 20% darker color. If you saturate the color by 10%, you get **22.4910, 31.1785, 22.5705**, and if you desaturate by 10%, it is **28.7325, 34.2046, 31.5141**.

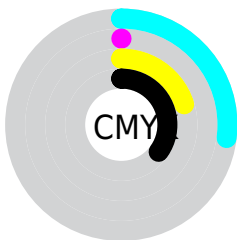
Distribution



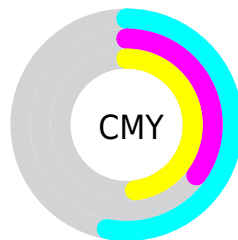
- Red (47%)
- Green (65%)
- Blue (52%)



- Red (47%)
- Yellow (61%)
- Blue (65%)



- Cyan (27%)
- Magenta (0%)
- Yellow (20%)
- Black (35%)



- Cyan (53%)
- Magenta (35%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3657, 32.5693, 26.7794 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 25.3657, 32.5693, 26.7794 by changing the saturation by 10% instead.

■ 25.3657, 32.5693,
26.7794

■ 25.3657, 32.5693,
26.7794

271.9685,
313.7045, 300.3137

■ 16.4799, 21.7967,
17.1766

■ 51.6885, 63.7025,
55.5291

■ 9.9574, 13.7076,
10.1972

■ 69.8562, 84.8319,
75.5131

■ 5.4328, 7.9176,
5.4226

■ 91.8486, 110.1824,
99.7947

■ 2.5407, 4.0423,
2.4343

118.0311,
140.1383, 128.7922

■ 0.9158, 1.6972,
0.8050

148.7689,
175.0841, 162.9244

■ 0.0000, 0.4219,
0.0000

184.4276,

■ 0.0000, 0.0000,

215.4041, 202.6096

0.0000

225.3723,
261.4828, 248.2666

■ 25.3657, 32.5693,
26.7794

■ 25.3657, 32.5693,
26.7794

■ 22.4910, 31.1785,
22.5705

■ 28.7325, 34.2046,
31.5141

■ 20.0825, 30.0163,
18.8671

■ 32.6108, 36.0912,
36.7898

■ 18.1153, 29.0713,
15.6507

■ 37.0219, 38.2406,
42.6236

■ 16.5617, 28.3297,
12.9009

■ 41.9853, 40.6627,
49.0312

■ 15.3902, 27.7755,
10.5958

■ 47.5194, 43.3664,
56.0279

■ 14.5648, 27.3909,
8.7116

■ 53.6417, 46.3607,
63.6281

■ 14.0312, 27.1482,
7.2217

■ 60.3690, 49.6539,
71.8460

■ 13.9104, 27.0934,
6.8793

■ 67.7175, 53.2539,
80.6951

■ 70.5586, 54.5167,
89.9479

Harmonies

Analogous

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



27.5805, 32.5693, 21.1928



25.3657, 32.5693, 26.7794



24.6195, 32.5693, 35.7720

Triad

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



25.3657, 32.5693, 26.7794



31.0640, 32.5693, 58.8241



37.1910, 32.5693, 26.3385

Complementary

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



25.3657, 32.5693, 26.7794



27.9844, 23.7329, 33.2442

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.



38.2962, 32.5693, 35.1547



25.3657, 32.5693, 26.7794



34.5966, 32.5693, 55.0227

Square

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



25.3657, 32.5693, 26.7794



27.7537, 32.5693, 55.4374



37.3130, 32.5693, 45.8447



34.3959, 32.5693, 20.9746

Rectangle

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



25.3657, 32.5693, 26.7794



25.0065, 32.5693, 42.9062



37.3130, 32.5693, 45.8447



37.7817, 32.5693, 28.9336

Sweetspot

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



25.3666, 32.5707, 26.7801



57.7573, 64.3203, 65.0208



30.1254, 35.1134, 22.9594



12.3970, 13.9498, 13.9053



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.



25.3666, 32.5707, 26.7801



42.0681, 56.7016, 43.0793



27.0138, 33.2295, 35.4542



7.0595, 7.9246, 7.9252



10.5412, 20.5028, 5.3005



0.2400, 0.4382, 0.2086

Inverse Universe

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



27.9844, 23.7329, 33.2442



47.5798, 38.0819, 56.6806



26.3482, 23.0784, 24.6281



7.2833, 7.1698, 8.4783



14.3712, 7.1045, 14.4110



0.3199, 0.1564, 0.3972

Previews

White Background



This preview shows how the XYZ color 25.3657, 32.5693, 26.7794 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 25.3657, 32.5693, 26.7794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

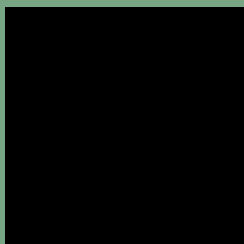
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.3657, 32.5693, 26.7794

Background



This preview shows how black text looks on a background with the XYZ color 25.3657, 32.5693, 26.7794.



This preview shows how white text looks on a background with the XYZ color 25.3657, 32.5693,

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

25.3657, 32.5693, 26.7794

Protanopia

30.4258, 32.4041, 24.3897

Deuteranopia

32.8676, 32.1592, 27.3967



Tritanopia

28.9193, 32.7094, 43.8191

Trichromacy



Original Color

25.3657, 32.5693, 26.7794

Protanomaly

28.1558, 32.2153, 25.1563

Deuteranomaly

29.5690, 31.9004, 27.1532

Tritanomaly

27.4636, 32.6350, 36.7500

Monochromacy



Original Color

25.3657, 32.5693, 26.7794

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.9193, 30.4675, 30.0532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3657, 32.5693, 26.7794 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(120, 165, 132)` looks like.

```
.text, #text, p{  
    color:rgb(120, 165, 132)  
}
```

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(120, 165, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 165, 132) }
```

Border

The CSS property to change the border of an element to XYZ 25.3657, 32.5693, 26.7794 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(120, 165, 132) }
```


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

```
.border{ border-color:rgb(120, 165, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 165, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 165, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 165, 132); box-shadow:4px 4px 4px 4px rgb(120, 165, 132) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3657, 32.5693, 26.7794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 165, 132) }
```

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

```
.background{ background-color: rgb(120,  
165, 132) }
```

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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