

Converting Colors

XYZ(26.6306, 32.6629, 37.2118)

Have a look what the booklet for
XYZ(26.6306, 32.6629, 37.2118)
contains.

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Color

**XYZ(26.6495, 32.7325,
37.2612)**

Conversions

Conversions Part 1

Format	Color
Hex	74A49E
RGB	116, 164, 158
RGB Percent	45%, 64%, 62%
CMY	0.5451, 0.3569, 0.3804
CMYK	0.29, 0.00, 0.04, 0.36
HSL	172°, 21%, 55%
HSV	172°, 29%, 64%
XYZ	26.6495, 32.7325, 37.2612
YIQ	148.9640, -26.6820, -12.0420

Conversions

Conversions Part 2

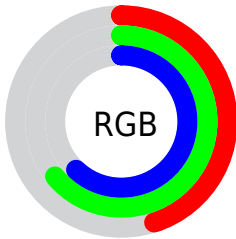
Format	Color
RYB	116, 142, 164
Decimal	7644318
CIELab	63.94, -17.33, -2.06
CIELCh	64, 17.451, 186.775
Yxy	32.7325, 0.2758, 0.3387
Android (android.graphics.Color)	4285834398 (0xFF74A49E)
YUV	148.9640, 4.4547, -28.9094
Hunter-Lab	57.2123, -16.9763, 1.4343

Details

The XYZ color **26.6495, 32.7325, 37.2612** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.0692, 21.7894, 21.2982**, and the grayscale version is **28.5426, 30.0290, 32.7016**.

A 20% lighter version of the original color is **53.7039, 63.9021, 72.4546**, and **10.6280, 13.7737, 16.0084** is the 20% darker color. If you saturate the color by 10%, you get **24.4842, 31.6373, 36.2467**, and if you desaturate by 10%, it is **29.2045, 34.0299, 38.3107**.

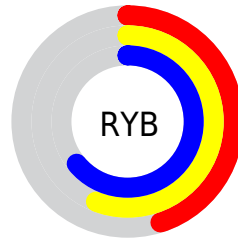
Distribution



Red (45%)

Green (64%)

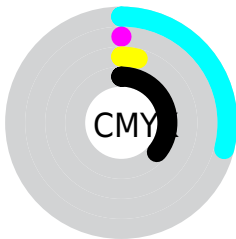
Blue (62%)



Red (45%)

Yellow (56%)

Blue (64%)

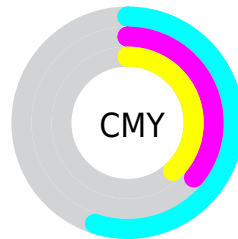


Cyan (29%)

Magenta (0%)

Yellow (4%)

Black (36%)



Cyan (55%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6495, 32.7325, 37.2612 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 26.6495, 32.7325, 37.2612 by changing the saturation by 10% instead.

■ 26.6495, 32.7325,
37.2612

■ 26.6495, 32.7325,
37.2612

278.1546,
314.4426, 349.6427

■ 17.4454, 21.9216,
25.1124

■ 53.7448, 63.9577,
72.1651

■ 10.6498, 13.7993,
15.9410

■ 72.3667, 85.1407,
95.7574

■ 5.8974, 7.9812,
9.3285

■ 94.8585, 110.5500,
124.0012

■ 2.8229, 4.0829,
4.8564

121.5857,
140.5698, 157.3151

■ 1.0608, 1.7201,
2.1060

152.9135,
175.5846, 196.1177

■ 0.0000, 0.4366,
0.6193

189.2074,

■ 0.0000, 0.0000,

215.9787, 240.8274

0.0000

230.8326,
262.1366, 291.8629

■ 26.6495, 32.7325,
37.2612

■ 26.6495, 32.7325,
37.2612

■ 24.4842, 31.6373,
36.2467

■ 29.2045, 34.0299,
38.3107

■ 22.6855, 30.7299,
35.2640

■ 32.1652, 35.5353,
39.3939

■ 21.2323, 30.0003,
34.3127

■ 35.5501, 37.2590,
40.5125

■ 20.1001, 29.4359,
33.3916

■ 39.3756, 39.2095,
41.6673

■ 19.2611, 29.0222,
32.4993

■ 43.6573, 41.3949,
42.8592

■ 18.6829, 28.7427,
31.6342

■ 48.4103, 43.8229,
44.0888

■ 18.2981, 28.5626,
30.7930

■ 53.6485, 46.5006,
45.3569

■ 18.2717, 28.5503,
30.7321

■ 59.3857, 49.4353,
46.6643

■ 62.3977, 50.9647,
47.8601

Harmonies

Analogous

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



26.9665, 32.7325, 30.5639



26.6495, 32.7325, 37.2612



27.4766, 32.7325, 44.3745

Triad

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



26.6495, 32.7325, 37.2612



34.0278, 32.7325, 47.6203



33.0127, 32.7325, 24.5910

Complementary

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



26.6495, 32.7325, 37.2612



25.0692, 21.7894, 21.2982

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.



35.0531, 32.7325, 28.1344



26.6495, 32.7325, 37.2612



35.6604, 32.7325, 41.2494

Square

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



26.6495, 32.7325, 37.2612



31.6723, 32.7325, 50.8440



36.0451, 32.7325, 34.0668



30.5569, 32.7325, 23.8166

Rectangle

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



26.6495, 32.7325, 37.2612



28.5925, 32.7325, 48.2063



36.0451, 32.7325, 34.0668



33.7738, 32.7325, 25.4728

Sweetspot

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



26.6504, 32.7338, 37.2619



58.4399, 64.5290, 71.5235



24.5117, 31.9800, 21.4046



12.6028, 14.0191, 15.5759



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.



26.6504, 32.7338, 37.2619



45.7816, 58.1026, 66.4496



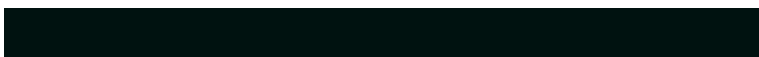
24.2450, 27.0758, 39.0717



7.2378, 7.9959, 8.8641



14.0212, 21.8948, 23.6261



0.3046, 0.4640, 0.5489

Inverse Universe

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



25.0692, 21.7894, 21.2982



42.4492, 35.0155, 32.7896



26.9333, 26.0944, 20.1409



7.1081, 7.0997, 7.5559



11.8494, 6.0958, 1.1318



0.2589, 0.1320, 0.0759

Previews

White Background



This preview shows how the XYZ color 26.6495, 32.7325, 37.2612 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 26.6495, 32.7325, 37.2612 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

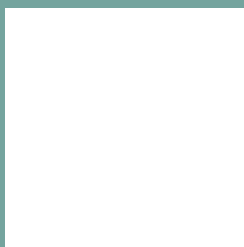
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6495, 32.7325, 37.2612

Background



This preview shows how black text looks on a background with the XYZ color 26.6495, 32.7325, 37.2612.

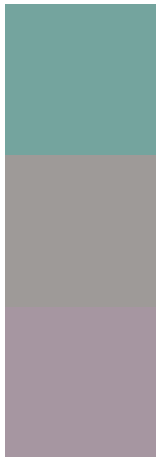


This preview shows how white text looks on a background with the XYZ color 26.6495, 32.7325,

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

26.6495, 32.7325, 37.2612

Protanopia

31.3236, 32.6473, 34.3564

Deuteranopia

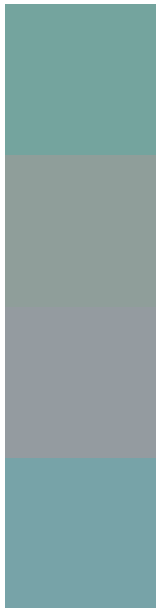
33.0653, 32.4929, 38.2472



Tritanopia

28.3060, 32.8897, 44.9009

Trichromacy



Original Color

26.6495, 32.7325, 37.2612

Protanomaly

29.3873, 32.6265, 35.3205

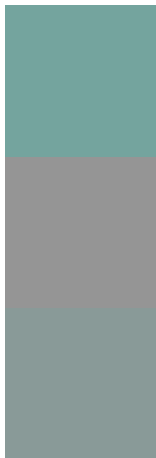
Deuteranomaly

30.2793, 32.2767, 37.8918

Tritanomaly

27.7728, 32.9435, 41.9407

Monochromacy



Original Color

26.6495, 32.7325, 37.2612

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.5396, 30.6966, 34.1793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6495, 32.7325, 37.2612 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(116, 164, 158)` looks like.

```
.text, #text, p{  
    color:rgb(116, 164, 158)  
}
```

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(116, 164, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 164, 158) }
```

Border

The CSS property to change the border of an element to XYZ 26.6495, 32.7325, 37.2612 is called "border". The border property can be set on classes, ids or directly on the HTML element.

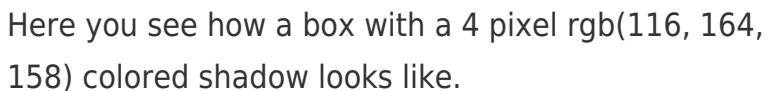
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 164, 158) }
```


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

```
.border{ border-color:rgb(116, 164, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 164, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 164, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 164, 158); box-shadow:4px 4px 4px 4px rgb(116, 164, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6495, 32.7325, 37.2612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 164, 158) }
```

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

```
.background{ background-color: rgb(116,  
164, 158) }
```

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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