

Converting Colors

XYZ(25.1552, 32.1496, 23.9494)

Have a look what the booklet for
XYZ(25.1552, 32.1496, 23.9494)
contains.

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Color

**XYZ(25.2257, 32.2912,
23.9721)**

Conversions

Conversions Part 1

Format	Color
Hex	7CA47C
RGB	124, 164, 124
RGB Percent	49%, 64%, 49%
CMY	0.5137, 0.3568, 0.5137
CMYK	0.24, 0.00, 0.24, 0.36
HSL	120°, 18%, 56%
HSV	120°, 24%, 64%
XYZ	25.2257, 32.2912, 23.9721
YIQ	147.4800, -11.0000, -20.9200

Conversions

Conversions Part 2

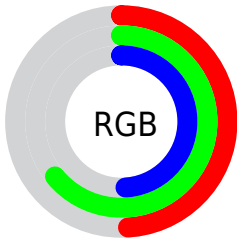
Format	Color
RYB	124, 164, 164
Decimal	8168572
CIELab	63.58, -21.71, 16.45
CIElCh	64, 27.235, 142.854
Yxy	32.2912, 0.3096, 0.3963
Android (android.graphics.Color)	4286358652 (0xFF7CA47C)
YUV	147.4800, -11.5756, -20.5920
Hunter-Lab	56.8253, -20.2053, 14.7659

Details

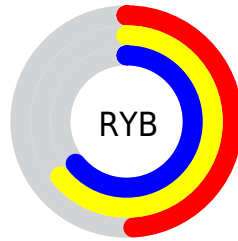
The XYZ color **25.2257, 32.2912, 23.9721** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.2194, 24.9888, 38.4065**, and the grayscale version is **27.9825, 29.4397, 32.0599**.

A 20% lighter version of the original color is **51.3988, 63.1845, 51.0818**, and **9.8882, 13.5522, 8.7513** is the 20% darker color. If you saturate the color by 10%, you get **22.0975, 30.7895, 18.8547**, and if you desaturate by 10%, it is **28.9223, 34.0678, 30.0179**.

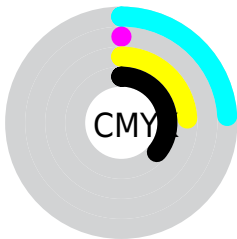
Distribution



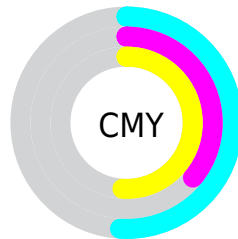
- Red (49%)
- Green (64%)
- Blue (49%)



- Red (49%)
- Yellow (64%)
- Blue (64%)



- Cyan (24%)
- Magenta (0%)
- Yellow (24%)
- Black (36%)



- Cyan (51%)
- Magenta (36%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2257, 32.2912, 23.9721 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 25.2257, 32.2912, 23.9721 by changing the saturation by 10% instead.

■ 25.2257, 32.2912,
23.9721

■ 25.2257, 32.2912,
23.9721

271.2870,
312.4436, 285.9614

■ 16.3749, 21.5840,
15.1009

■ 51.4634, 63.2673,
50.9279

■ 9.8824, 13.5516,
8.7428

■ 69.5810, 84.3050,
69.8497

■ 5.3827, 7.8094,
4.4793

■ 91.5183, 109.5551,
92.9586

■ 2.5106, 3.9733,
1.8918

117.6406,
139.4018, 120.6734

■ 0.9006, 1.6586,
0.4875

148.3133,
174.2296, 153.4126

■ 0.0000, 0.3966,
0.0000

183.9017,

■ 0.0000, 0.0000,

214.4230, 191.5946

0.0000

224.7711,
260.3662, 235.6380

■ 25.2257, 32.2912,
23.9721

■ 25.2257, 32.2912,
23.9721

■ 22.0975, 30.7895,
18.8547

■ 28.9223, 34.0678,
30.0179

■ 19.5072, 29.5453,
14.6179

■ 33.2109, 36.1278,
37.0325

■ 17.4253, 28.5452,
11.2124

■ 38.1167, 38.4844,
45.0568

■ 15.8183, 27.7733,
8.5838

■ 43.6628, 41.1484,
54.1284

■ 14.6488, 27.2116,
6.6709

■ 49.8711, 44.1306,
64.2831

■ 13.8739, 26.8393,
5.4034

■ 56.7625, 47.4409,
75.5551

■ 13.4416, 26.6317,
4.6962

■ 64.3569, 51.0889,
87.9769

■ 13.2761, 26.5522,
4.4255

■ 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.



27.9392, 32.2912, 19.1805



25.2257, 32.2912, 23.9721



23.9947, 32.2912, 32.6191

Triad

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



25.2257, 32.2912, 23.9721



29.7914, 32.2912, 60.2932



37.9331, 32.2912, 27.6389

Complementary

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



25.2257, 32.2912, 23.9721



29.2194, 24.9888, 38.4065

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.



38.5318, 32.2912, 37.8287



25.2257, 32.2912, 23.9721



33.6195, 32.2912, 58.1962

Square

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



25.2257, 32.2912, 23.9721



26.4858, 32.2912, 54.6277



36.8955, 32.2912, 49.3776



35.3211, 32.2912, 20.9723

Rectangle

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



25.2257, 32.2912, 23.9721



24.1021, 32.2912, 40.0261



36.8955, 32.2912, 49.3776



38.3849, 32.2912, 30.7045

Sweetspot

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



25.2266, 32.2926, 23.9728



58.0379, 64.4979, 63.5489



32.2248, 35.9003, 24.3000



12.5926, 14.0545, 13.7366



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.



25.2266, 32.2926, 23.9728



42.7358, 57.1475, 38.5197



26.6226, 32.8510, 31.3241



6.9856, 7.8950, 7.5358



10.1790, 20.3579, 3.3931



0.2139, 0.4278, 0.0713

Inverse Universe

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



29.2194, 24.9888, 38.4065



51.1945, 41.6746, 69.0972



27.5525, 24.3220, 29.6288



7.3643, 7.2022, 8.9051



16.8765, 8.1066, 27.6038



0.3546, 0.1703, 0.5800

Previews

White Background



This preview shows how the XYZ color 25.2257, 32.2912, 23.9721 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 25.2257, 32.2912, 23.9721 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 25.2257, 32.2912, 23.9721

Background



This preview shows how black text looks on a background with the XYZ color 25.2257, 32.2912, 23.9721.



This preview shows how white text looks on a background with the XYZ color 25.2257, 32.2912, 23.9721.

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

25.2257, 32.2912, 23.9721

Protanopia

30.0308, 32.0069, 22.0479

Deuteranopia

32.5521, 32.0592, 24.5510



Tritanopia

28.9983, 32.2615, 42.7289

Trichromacy



Original Color

25.2257, 32.2912, 23.9721

Protanomaly

27.9026, 31.8840, 22.7728

Deuteranomaly

29.4220, 31.8867, 24.3427

Tritanomaly

27.3738, 32.1086, 34.8918

Monochromacy



Original Color

25.2257, 32.2912, 23.9721

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.6989, 30.1355, 28.8357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2257, 32.2912, 23.9721 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(124, 164, 124)` looks like.

```
.text, #text, p{  
    color:rgb(124, 164, 124)  
}
```

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(124, 164, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 164, 124) }
```

Border

The CSS property to change the border of an element to XYZ 25.2257, 32.2912, 23.9721 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(124, 164, 124) }
```


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

```
.border{ border-color:rgb(124, 164, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 164, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 164, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 164, 124);  
box-shadow:4px 4px 4px 4px rgb(124, 164,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2257, 32.2912, 23.9721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 164, 124) }
```

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

```
.background{ background-color: rgb(124,  
164, 124) }
```

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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