

Converting Colors

XYZ(24.4193, 32.5463, 30.2642)

Have a look what the booklet for
XYZ(24.4193, 32.5463, 30.2642)
contains.

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Color

**XYZ(24.4521, 32.5638,
30.1960)**

Conversions

Conversions Part 1

Format	Color
Hex	69A78D
RGB	105, 167, 141
RGB Percent	41%, 65%, 55%
CMY	0.5882, 0.3451, 0.4471
CMYK	0.37, 0.00, 0.16, 0.35
HSL	155°, 26%, 53%
HSV	155°, 37%, 65%
XYZ	24.4521, 32.5638, 30.1960
YIQ	145.4980, -28.6060, -21.2300

Conversions

Conversions Part 2

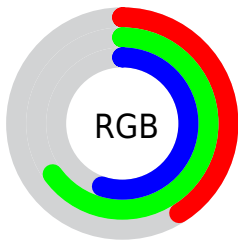
Format	Color
RYB	105, 144, 167
Decimal	6924173
CIELab	63.81, -25.99, 7.17
CIELCh	64, 26.962, 164.573
Yxy	32.5638, 0.2804, 0.3734
Android (android.graphics.Color)	4285114253 (0xFF69A78D)
YUV	145.4980, -2.2175, -35.5167
Hunter-Lab	57.0647, -23.3764, 8.5718

Details

The XYZ color **24.4521, 32.5638, 30.1960** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.0857, 19.9580, 24.0040**, and the grayscale version is **27.1342, 28.5473, 31.0880**.

A 20% lighter version of the original color is **50.0722, 63.4518, 61.2381**, and **9.5404, 13.8011, 12.0586** is the 20% darker color. If you saturate the color by 10%, you get **22.1753, 31.4493, 27.4550**, and if you desaturate by 10%, it is **27.1489, 33.8928, 33.1301**.

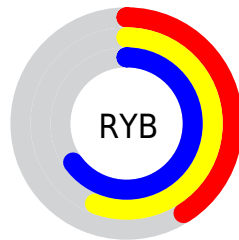
Distribution



Red (41%)

Green (65%)

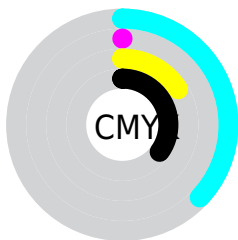
Blue (55%)



Red (41%)

Yellow (56%)

Blue (65%)

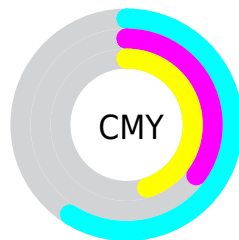


Cyan (37%)

Magenta (0%)

Yellow (16%)

Black (35%)



Cyan (59%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4521, 32.5638, 30.1960 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 24.4521, 32.5638, 30.1960 by changing the saturation by 10% instead.

■ 24.4521, 32.5638,
30.1960

■ 24.4521, 32.5638,
30.1960

267.4965,
313.6796, 317.0527

■ 15.7959, 21.7925,
19.7341

■ 50.2163, 63.6939,
61.0367

■ 9.4698, 13.7045,
12.0197

■ 68.0550, 84.8215,
82.2525

■ 5.1084, 7.9154,
6.6344

■ 89.6852, 110.1700,
107.8901

■ 2.3464, 4.0409,
3.1596

■ 115.4722,
140.1238, 138.3679

■ 0.8183, 1.6965,
1.1767

145.7816,
175.0672, 174.1045

■ 0.0000, 0.4214,
0.0000

180.9785,

■ 0.0000, 0.0000,

215.3847, 215.5185

0.0000

221.4283,
261.4607, 263.0284

■ 24.4521, 32.5638,
30.1960

■ 24.4521, 32.5638,
30.1960

■ 22.1753, 31.4493,
27.4550

■ 27.1489, 33.8928,
33.1301

■ 20.2925, 30.5332,
24.9006

■ 30.2843, 35.4431,
36.2592

■ 18.7790, 29.8039,
22.5292

■ 33.8792, 37.2264,
39.5880

■ 17.6059, 29.2465,
20.3361

■ 37.9522, 39.2522,
43.1201

■ 16.7399, 28.8439,
18.3162

■ 42.5209, 41.5294,
46.8594

■ 16.1306, 28.5701,
16.4636

■ 47.6020, 44.0666,
50.8093

■ 15.9755, 28.5011,
15.9604

■ 53.2112, 46.8719,
54.9733

■ 59.3639, 49.9531,
59.3548

■ 65.9625, 53.2599,
63.9519

Harmonies

Analogous

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



26.1191, 32.5638, 22.5849



24.4521, 32.5638, 30.1960



24.4281, 32.5638, 40.9636

Triad

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



24.4521, 32.5638, 30.1960



32.8184, 32.5638, 59.6962



36.4301, 32.5638, 22.7479

Complementary

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



24.4521, 32.5638, 30.1960



25.0857, 19.9580, 24.0040

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.



38.5423, 32.5638, 30.4664



24.4521, 32.5638, 30.1960



36.3447, 32.5638, 52.4730

Square

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



24.4521, 32.5638, 30.1960



29.0550, 32.5638, 59.5825



38.5099, 32.5638, 41.2949



32.9275, 32.5638, 18.9207

Rectangle

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



24.4521, 32.5638, 30.1960



25.3368, 32.5638, 48.6477



38.5099, 32.5638, 41.2949



37.3385, 32.5638, 24.8954

Sweetspot

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



24.4530, 32.5651, 30.1967



57.9493, 65.3151, 68.4249



25.8644, 33.5536, 18.4782



12.7808, 14.5234, 15.1392



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.4530, 32.5651, 30.1967



40.2066, 56.5624, 49.7927



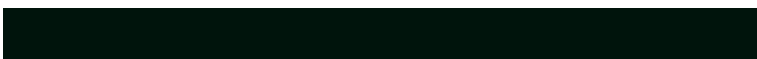
25.8753, 31.9417, 41.3624



7.6125, 8.4780, 8.9455



12.2489, 21.8183, 12.3435



0.3227, 0.5407, 0.4302

Inverse Universe

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



25.0857, 19.9580, 24.0040



41.5186, 30.4999, 37.0102



23.9699, 20.2018, 16.0009



7.6567, 7.5926, 8.5096



13.0649, 6.6347, 5.1531



0.3436, 0.1717, 0.2607

Previews

White Background



This preview shows how the XYZ color 24.4521, 32.5638, 30.1960 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 24.4521, 32.5638, 30.1960 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 24.4521, 32.5638, 30.1960

Background



This preview shows how black text looks on a background with the XYZ color 24.4521, 32.5638, 30.1960.

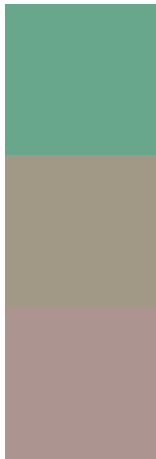


This preview shows how white text looks on a background with the XYZ color 24.4521, 32.5638,

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

24.4521, 32.5638, 30.1960

Protanopia

30.3923, 32.0808, 27.1446

Deuteranopia

32.8715, 32.3099, 31.2920



Tritanopia

27.4682, 32.4465, 45.3725

Trichromacy



Original Color

24.4521, 32.5638, 30.1960

Protanomaly

27.7267, 31.9226, 28.3672

Deuteranomaly

29.1353, 32.0865, 31.0433

Tritanomaly

26.3167, 32.5103, 39.5384

Monochromacy



Original Color

24.4521, 32.5638, 30.1960

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

25.9497, 29.9501, 30.7988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4521, 32.5638, 30.1960 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(105, 167, 141)` looks like.

```
.text, #text, p{  
    color:rgb(105, 167, 141)  
}
```

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(105, 167, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 167, 141) }
```

Border

The CSS property to change the border of an element to XYZ 24.4521, 32.5638, 30.1960 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(105, 167, 141) }
```


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

```
.border{ border-color:rgb(105, 167, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 167, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 167, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 167, 141);  
box-shadow:4px 4px 4px 4px rgb(105, 167,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4521, 32.5638, 30.1960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 167, 141) }
```

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

```
.background{ background-color: rgb(105,  
167, 141) }
```

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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