

Converting Colors

XYZ(24.1494, 32.7784, 25.8229)

Have a look what the booklet for
XYZ(24.1494, 32.7784, 25.8229)
contains.

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Color

**XYZ(24.1494, 32.7784,
25.8229)**

Conversions

Conversions Part 1

Format	Color
Hex	6CA881
RGB	108, 168, 129
RGB Percent	42%, 66%, 51%
CMY	0.5765, 0.3412, 0.4941
CMYK	0.36, 0.00, 0.23, 0.34
HSL	141°, 26%, 54%
HSV	141°, 36%, 66%
XYZ	24.1494, 32.7784, 25.8229
YIQ	145.6140, -23.2410, -24.8490

Conversions

Conversions Part 2

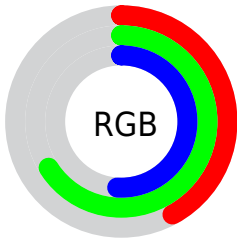
Format	Color
RYB	108, 152, 168
Decimal	7121025
CIELab	63.98, -28.06, 14.10
CIElCh	64, 31.406, 153.321
Yxy	32.7784, 0.2918, 0.3961
Android (android.graphics.Color)	4285311105 (0xFF6CA881)
YUV	145.6140, -8.1907, -32.9875
Hunter-Lab	57.2524, -24.8994, 13.3348

Details

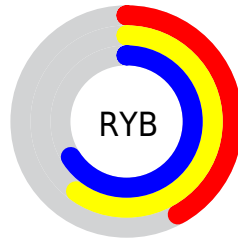
The XYZ color **24.1494, 32.7784, 25.8229** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.7786, 21.1572, 30.2774**, and the grayscale version is **27.2036, 28.6203, 31.1675**.

A 20% lighter version of the original color is **49.7971, 64.2658, 54.0359**, and **9.3807, 13.9398, 9.7857** is the 20% darker color. If you saturate the color by 10%, you get **21.6123, 31.5508, 22.1156**, and if you desaturate by 10%, it is **27.1596, 34.2427, 29.9587**.

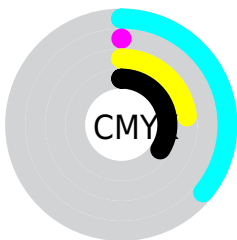
Distribution



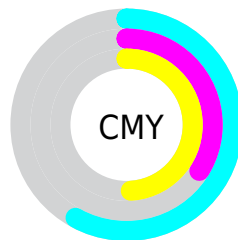
- Red (42%)
- Green (66%)
- Blue (51%)



- Red (42%)
- Yellow (60%)
- Blue (66%)



- Cyan (36%)
- Magenta (0%)
- Yellow (23%)
- Black (34%)





- Cyan (58%)
- Magenta (34%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1494, 32.7784, 25.8229 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 24.1494, 32.7784, 25.8229 by changing the saturation by 10% instead.


 24.1494, 32.7784,
25.8229


 24.1494, 32.7784,
25.8229


266.0014,
314.6500, 295.4894


 15.5698, 21.9567,
16.4666

 49.7268, 64.0294,
53.9697


 9.3092, 13.8251,
9.6970


 67.4553, 85.2275,
73.5972

 5.0021, 7.9991,
5.0956


 88.9642, 110.6533,
97.4857

 2.2833, 4.0944,
2.2437

 114.6188,
140.6910, 126.0535

 0.7861, 1.7265,
0.6994

144.7844,
175.7252, 159.7192

 0.0000, 0.4407,
0.0000

179.8265,

 0.0000, 0.0000,

216.1401, 198.9014

0.0000

220.1104,
262.3203, 244.0186

■ 24.1494, 32.7784,
25.8229

■ 24.1494, 32.7784,
25.8229

■ 21.6123, 31.5508,
22.1156

■ 27.1596, 34.2427,
29.9587

■ 19.5205, 30.5432,
18.8209

■ 30.6635, 35.9514,
34.5341

■ 17.8474, 29.7431,
15.9248


■ 34.6835, 37.9167,
39.5625


■ 16.5622, 29.1348,
13.4118


■ 39.2401, 40.1488,
45.0558


■ 15.6295, 28.7005,
11.2654


■ 44.3524, 42.6574,
51.0257

 15.0040, 28.4172,
9.4674

 50.0386, 45.4517,
57.4835

 14.7875, 28.3202,
8.7975

 56.3162, 48.5405,
64.4400

 63.2018, 51.9320,
71.9057

 69.1477, 54.8283,
79.8176

Harmonies

Analogous

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



26.7078, 32.7784, 18.9457



24.1494, 32.7784, 25.8229



23.4043, 32.7784, 37.1214

Triad

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



24.1494, 32.7784, 25.8229



31.6507, 32.7784, 65.9883



38.8250, 32.7784, 23.9008

Complementary

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



24.1494, 32.7784, 25.8229



26.7786, 21.1572, 30.2774

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.



40.4515, 32.7784, 34.2961



24.1494, 32.7784, 25.8229



36.0701, 32.7784, 60.1899

Square

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



24.1494, 32.7784, 25.8229



27.4862, 32.7784, 62.2135



39.3989, 32.7784, 47.7964



35.1363, 32.7784, 18.0346

Rectangle

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



24.1494, 32.7784, 25.8229



23.9719, 32.7784, 46.2401



39.3989, 32.7784, 47.7964



39.6461, 32.7784, 26.8809

Sweetspot

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



24.1503, 32.7798, 25.8236



58.8148, 66.7868, 66.6793



28.9233, 35.3854, 19.4933



12.6177, 14.4582, 14.2801



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.



24.1503, 32.7798, 25.8236



40.0394, 57.6486, 41.3669



26.3596, 33.6635, 37.4575



7.5411, 8.4495, 8.5697



11.1887, 21.3943, 6.7608



0.2964, 0.5302, 0.2917

Inverse Universe

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



26.7786, 21.1572, 30.2774



45.5320, 33.3319, 50.6535



24.7820, 20.3586, 19.7634



7.7287, 7.6213, 8.8886



14.3123, 7.1336, 11.7218



0.3710, 0.1827, 0.4053

Previews

White Background



This preview shows how the XYZ color 24.1494, 32.7784, 25.8229 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 24.1494, 32.7784, 25.8229 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 24.1494, 32.7784, 25.8229

Background



This preview shows how black text looks on a background with the XYZ color 24.1494, 32.7784, 25.8229.



This preview shows how white text looks on a background with the XYZ color 24.1494, 32.7784,

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

24.1494, 32.7784, 25.8229

Protanopia

30.3783, 32.4089, 23.0668

Deuteranopia

33.1125, 32.5355, 26.7251



Tritanopia

28.1294, 32.7874, 45.4035

Trichromacy



Original Color

24.1494, 32.7784, 25.8229

Protanomaly

27.6014, 32.2062, 24.1637

Deuteranomaly

29.0022, 32.1183, 26.5007

Tritanomaly

26.3864, 32.5969, 37.2489

Monochromacy



Original Color

24.1494, 32.7784, 25.8229

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

25.8049, 29.9102, 29.2241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1494, 32.7784, 25.8229 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(108, 168, 129)` looks like.

```
.text, #text, p{  
    color:rgb(108, 168, 129)  
}
```

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(108, 168, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 168, 129) }
```

Border

The CSS property to change the border of an element to XYZ 24.1494, 32.7784, 25.8229 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(108, 168, 129) }
```


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

```
.border{ border-color:rgb(108, 168, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 168, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 168, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 168, 129);  
box-shadow:4px 4px 4px 4px rgb(108, 168,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1494, 32.7784, 25.8229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 168, 129) }
```

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

```
.background{ background-color: rgb(108,  
168, 129) }
```

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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