

Converting Colors

XYZ(25.2677, 33.6183, 32.4122)

Have a look what the booklet for
XYZ(25.2677, 33.6183, 32.4122)
contains.

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Color

**XYZ(25.2020, 33.4545,
32.3232)**

Conversions

Conversions Part 1

Format	Color
Hex	69A992
RGB	105, 169, 146
RGB Percent	41%, 66%, 57%
CMY	0.5882, 0.3372, 0.4274
CMYK	0.38, 0.00, 0.14, 0.34
HSL	158°, 27%, 54%
HSV	158°, 38%, 66%
XYZ	25.2020, 33.4545, 32.3232
YIQ	147.2420, -30.7610, -20.7210

Conversions

Conversions Part 2

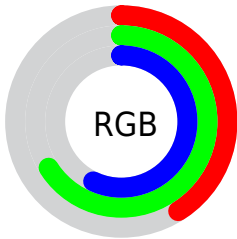
Format	Color
RYB	105, 144, 169
Decimal	6924690
CIELab	64.53, -25.88, 5.42
CIElCh	65, 26.442, 168.168
Yxy	33.4545, 0.2770, 0.3677
Android (android.graphics.Color)	4285114770 (0xFF69A992)
YUV	147.2420, -0.6123, -37.0462
Hunter-Lab	57.8399, -23.4437, 7.3543

Details

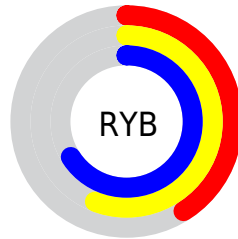
The XYZ color **25.2020, 33.4545, 32.3232** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.3112, 20.0976, 22.9687**, and the grayscale version is **27.8456, 29.2958, 31.9031**.

A 20% lighter version of the original color is **51.6486, 65.3915, 64.5432**, and **9.9408, 14.3240, 13.3072** is the 20% darker color. If you saturate the color by 10%, you get **22.9510, 32.3481, 29.8170**, and if you desaturate by 10%, it is **27.8745, 34.7770, 34.9816**.

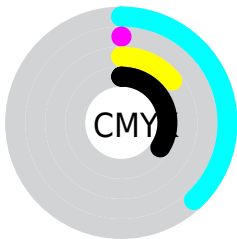
Distribution



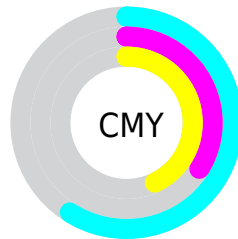
- Red (41%)
- Green (66%)
- Blue (57%)



- Red (41%)
- Yellow (56%)
- Blue (66%)



- Cyan (38%)
- Magenta (0%)
- Yellow (14%)
- Black (34%)



- Cyan (59%)
- Magenta (34%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2020, 33.4545, 32.3232 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 25.2020, 33.4545, 32.3232 by changing the saturation by 10% instead.

■ 25.2020, 33.4545,
32.3232

■ 25.2020, 33.4545,
32.3232

271.1715,
317.6928, 327.1269

■ 16.3571, 22.4748,
21.3416

■ 51.4253, 65.0845,
64.4212

■ 9.8697, 14.2062,
13.1803

■ 69.5344, 86.5036,
86.3747

■ 5.3742, 8.2642,
7.4206

■ 91.4623, 112.1713,
112.8226

■ 2.5055, 4.2645,
3.6441

■ 117.5744,
142.4720, 144.1834

■ 0.8980, 1.8226,
1.4322

148.2361,
177.7901, 180.8757

■ 0.0000, 0.5012,
0.1666

183.8125,

■ 0.0000, 0.0000,

218.5100, 223.3181

0.0000

224.6692,
265.0161, 271.9289

■ 25.2020, 33.4545,
32.3232

■ 25.2020, 33.4545,
32.3232

■ 22.9510, 32.3481,
29.8170

■ 27.8745, 34.7770,
34.9816

■ 21.0948, 31.4415,
27.4577

■ 30.9875, 36.3229,
37.7929

■ 19.6079, 30.7224,
25.2426

■ 34.5625, 38.1039,
40.7609

■ 18.4606, 30.1757,
23.1684

■ 38.6184, 40.1297,
43.8881

■ 17.6183, 29.7835,
21.2311

■ 43.1733, 42.4098,
47.1775

■ 17.0241, 29.5165,
19.4259

■ 48.2441, 44.9527,
50.6315

■ 16.9094, 29.4654,
19.0572

■ 53.8471, 47.7668,
54.2527

■ 59.9977, 50.8600,
58.0435

■ 65.9320, 53.8385,
61.9700

Harmonies

Analogous

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



26.6843, 33.4545, 24.2339



25.2020, 33.4545, 32.3232



25.3804, 33.4545, 43.3085

Triad

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



25.2020, 33.4545, 32.3232



34.1176, 33.4545, 59.9953



36.8947, 33.4545, 23.0155

Complementary

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



25.2020, 33.4545, 32.3232



25.3112, 20.0976, 22.9687

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.



39.2141, 33.4545, 30.3147



25.2020, 33.4545, 32.3232



37.5253, 33.4545, 52.1450

Square

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



25.2020, 33.4545, 32.3232



30.3305, 33.4545, 60.8294



39.4537, 33.4545, 40.8626



33.3110, 33.4545, 19.6173

Rectangle

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



25.2020, 33.4545, 32.3232



26.4195, 33.4545, 50.8606



39.4537, 33.4545, 40.8626



37.8599, 33.4545, 25.0193

Sweetspot

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



25.2029, 33.4559, 32.3240



59.6729, 67.1300, 71.1975



25.7113, 34.0227, 18.5771



12.8243, 14.5408, 15.3682



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.



25.2029, 33.4559, 32.3240



41.8754, 58.3106, 54.3035



25.6401, 31.1729, 42.2032



7.6314, 8.4856, 9.0450



12.6282, 21.9700, 14.3409



0.3304, 0.5438, 0.4706

Inverse Universe

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



25.3112, 20.0976, 22.9687



42.1022, 31.0911, 35.2712



24.8779, 21.3855, 16.1818



7.6384, 7.5852, 8.4128



12.8408, 6.5450, 3.9734



0.3369, 0.1690, 0.2254

Previews

White Background



This preview shows how the XYZ color 25.2020, 33.4545, 32.3232 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 25.2020, 33.4545, 32.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

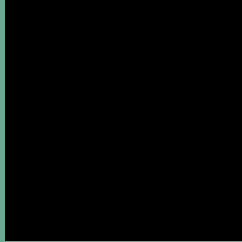
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.2020, 33.4545, 32.3232

Background



This preview shows how black text looks on a background with the XYZ color 25.2020, 33.4545, 32.3232.



This preview shows how white text looks on a background with the XYZ color 25.2020, 33.4545,

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

25.2020, 33.4545, 32.3232

Protanopia

31.2818, 32.9882, 29.1447

Deuteranopia

33.8052, 33.2195, 33.4844



Tritanopia

28.1214, 33.2760, 47.0602

Trichromacy



Original Color

25.2020, 33.4545, 32.3232

Protanomaly

28.4378, 32.7573, 30.4151

Deuteranomaly

29.8644, 32.9195, 33.2139

Tritanomaly

26.9496, 33.3406, 41.0914

Monochromacy



Original Color

25.2020, 33.4545, 32.3232

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.5035, 30.4548, 32.0852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2020, 33.4545, 32.3232 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, 169, 146)` looks like.

```
.text, #text, p{  
    color:rgb(105, 169, 146)  
}
```

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, 169, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 169, 146) }
```

Border

The CSS property to change the border of an element to XYZ 25.2020, 33.4545, 32.3232 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, 169, 146) }
```


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

```
.border{ border-color:rgb(105, 169, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 169, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 169, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 169, 146);  
box-shadow:4px 4px 4px 4px rgb(105, 169,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2020, 33.4545, 32.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 169, 146) }
```

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

```
.background{ background-color: rgb(105,  
169, 146) }
```

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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