

Converting Colors

XYZ(25.4565, 32.2401, 31.6693)

Have a look what the booklet for
XYZ(25.4565, 32.2401, 31.6693)
contains.

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Color

**XYZ(25.4565, 32.2401,
31.6693)**

Conversions

Conversions Part 1

Format	Color
Hex	73A491
RGB	115, 164, 145
RGB Percent	45%, 64%, 57%
CMY	0.5490, 0.3568, 0.4314
CMYK	0.30, 0.00, 0.12, 0.36
HSL	157°, 21%, 55%
HSV	157°, 30%, 64%
XYZ	25.4565, 32.2401, 31.6693
YIQ	147.1830, -23.1050, -16.2970

Conversions

Conversions Part 2

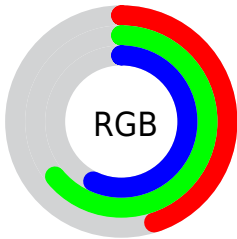
Format	Color
RYB	115, 145, 164
Decimal	7578769
CIELab	63.54, -20.55, 4.63
CIELCh	64, 21.065, 167.311
Yxy	32.2401, 0.2849, 0.3608
Android (android.graphics.Color)	4285768849 (0xFF73A491)
YUV	147.1830, -1.0762, -28.2245
Hunter-Lab	56.7804, -19.3382, 6.6772

Details

The XYZ color **25.4565, 32.2401, 31.6693** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.7447, 21.8760, 25.4211**, and the grayscale version is **27.8207, 29.2696, 31.8746**.

A 20% lighter version of the original color is **51.7888, 63.1114, 63.4850**, and **10.0397, 13.5384, 12.9105** is the 20% darker color. If you saturate the color by 10%, you get **23.0122, 31.0360, 29.0666**, and if you desaturate by 10%, it is **28.3138, 33.6557, 34.4360**.

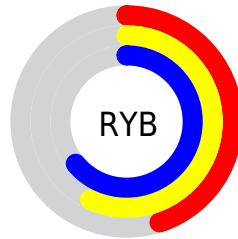
Distribution



Red (45%)

Green (64%)

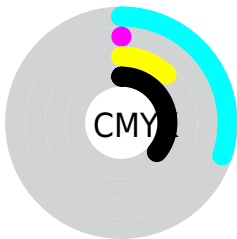
Blue (57%)



Red (45%)

Yellow (57%)

Blue (64%)

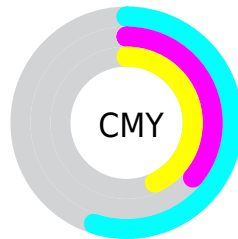


Cyan (30%)

Magenta (0%)

Yellow (12%)

Black (36%)



Cyan (55%)

Magenta (36%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4565, 32.2401, 31.6693 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 25.4565, 32.2401, 31.6693 by changing the saturation by 10% instead.

■ 25.4565, 32.2401,
31.6693

■ 25.4565, 32.2401,
31.6693

272.4097,
312.2115, 324.0562

■ 16.5480, 21.5450,
20.8463

■ 51.8344, 63.1873,
63.3842

■ 10.0061, 13.5229,
12.8216

■ 70.0346, 84.2081,
85.1131

■ 5.4653, 7.7896,
7.1765

■ 92.0627, 109.4397,
111.3145

■ 2.5603, 3.9606,
3.4926

118.2841,
139.2663, 142.4068

■ 0.9258, 1.6516,
1.3513

149.0641,
174.0724, 178.8086

■ 0.0000, 0.3920,
0.1033

184.7681,

■ 0.0000, 0.0000,

214.2424, 220.9384

0.0000

225.7615,
260.1606, 269.2147

■ 25.4565, 32.2401,
31.6693

■ 25.4565, 32.2401,
31.6693

■ 23.0122, 31.0360,
29.0666

■ 28.3138, 33.6557,
34.4360

■ 20.9574, 30.0286,
26.6225

■ 31.6006, 35.2886,
37.3677

■ 19.2703, 29.2078,
24.3343

■ 35.3358, 37.1494,
40.4683

■ 17.9257, 28.5605,
22.1982

■ 39.5365, 39.2469,
43.7406

■ 16.8953, 28.0723,
20.2106

■ 44.2187, 41.5892,
47.1875

■ 16.1457, 27.7259,
18.3672

■ 49.3977, 44.1842,
50.8119

■ 15.6022, 27.4829,
16.6619

■ 55.0881, 47.0394,
54.6164

■ 15.5960, 27.4801,
16.6420

■ 61.3038, 50.1619,
58.6037

■ 65.2051, 52.0877,
62.6429

Harmonies

Analogous

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



26.6761, 32.2401, 25.2387



25.4565, 32.2401, 31.6693



25.5608, 32.2401, 40.1409

Triad

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



25.4565, 32.2401, 31.6693



32.3549, 32.2401, 52.9233



34.6347, 32.2401, 24.5054

Complementary

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



25.4565, 32.2401, 31.6693



25.7447, 21.8760, 25.4211

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.



36.3583, 32.2401, 30.5071



25.4565, 32.2401, 31.6693



34.9854, 32.2401, 47.2539

Square

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



25.4565, 32.2401, 31.6693



29.4192, 32.2401, 53.3686



36.4906, 32.2401, 38.7784



31.9008, 32.2401, 21.5693

Rectangle

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



25.4565, 32.2401, 31.6693



26.3667, 32.2401, 45.8507



36.4906, 32.2401, 38.7784



35.3588, 32.2401, 26.1832

Sweetspot

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



25.4574, 32.2414, 31.6700



57.8115, 64.2777, 68.2148



26.2984, 32.9079, 21.1859



12.4454, 13.9562, 14.7469



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.



25.4574, 32.2414, 31.6700



43.1111, 56.9934, 54.2396



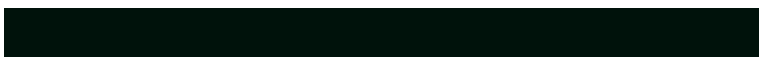
26.1874, 31.1572, 39.7573



7.1592, 7.9645, 8.4499



11.9815, 21.0790, 12.8852



0.2739, 0.4518, 0.3872

Inverse Universe

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



25.7447, 21.8760, 25.4211



43.7223, 35.0323, 41.0122



25.1098, 22.5400, 19.2473



7.1822, 7.1293, 7.9457



12.4616, 6.3407, 4.3553



0.2846, 0.1423, 0.2112

Previews

White Background



This preview shows how the XYZ color 25.4565, 32.2401, 31.6693 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 25.4565, 32.2401, 31.6693 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 25.4565, 32.2401, 31.6693

Background



This preview shows how black text looks on a background with the XYZ color 25.4565, 32.2401, 31.6693.

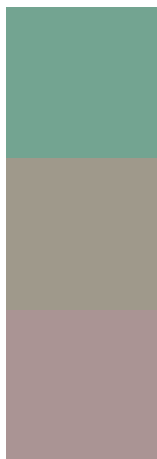


This preview shows how white text looks on a background with the XYZ color 25.4565, 32.2401,

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

25.4565, 32.2401, 31.6693

Protanopia

30.3495, 32.0175, 29.0065

Deuteranopia

32.5128, 31.8640, 32.4537



Tritanopia

27.9988, 32.2237, 44.2793

Trichromacy



Original Color

25.4565, 32.2401, 31.6693

Protanomaly

28.1924, 31.8767, 29.8662

Deuteranomaly

29.3997, 31.7018, 32.1733

Tritanomaly

26.9635, 32.0560, 39.4166

Monochromacy



Original Color

25.4565, 32.2401, 31.6693

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.5712, 30.0087, 31.5859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4565, 32.2401, 31.6693 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(115, 164, 145)` looks like.

```
.text, #text, p{  
    color:rgb(115, 164, 145)  
}
```

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(115, 164, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 164, 145) }
```

Border

The CSS property to change the border of an element to XYZ 25.4565, 32.2401, 31.6693 is called "border". The border property can be set on classes, ids or directly on the HTML element.

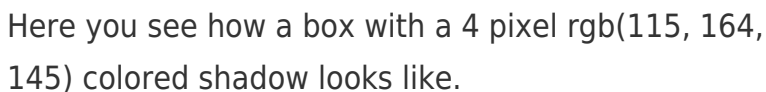
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 164, 145) }
```


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

```
.border{ border-color:rgb(115, 164, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 164, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 164, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 164, 145); box-shadow:4px 4px 4px 4px rgb(115, 164, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4565, 32.2401, 31.6693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 164, 145) }
```

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

```
.background{ background-color: rgb(115,  
164, 145) }
```

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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