

Converting Colors

XYZ(22.4221, 27.2374, 27.3692)

Have a look what the booklet for
XYZ(22.4221, 27.2374, 27.3692)
contains.

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Color

**XYZ(22.4205, 27.2351,
27.3678)**

Conversions

Conversions Part 1

Format	Color
Hex	739688
RGB	115, 150, 136
RGB Percent	45%, 59%, 53%
CMY	0.5490, 0.4118, 0.4667
CMYK	0.23, 0.00, 0.09, 0.41
HSL	156°, 14%, 52%
HSV	156°, 23%, 59%
XYZ	22.4205, 27.2351, 27.3678
YIQ	137.9390, -16.3660, -11.7740

Conversions

Conversions Part 2

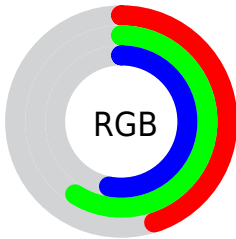
Format	Color
RYB	115, 137, 150
Decimal	7575176
CIELab	59.19, -15.16, 3.42
CIELCh	59, 15.543, 167.283
Yxy	27.2351, 0.2911, 0.3536
Android (android.graphics.Color)	4285765256 (0xFF739688)
YUV	137.9390, -0.9559, -20.1175
Hunter-Lab	52.1873, -14.6412, 5.4385

Details

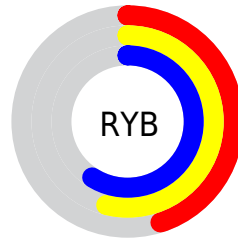
The XYZ color **22.4205, 27.2351, 27.3678** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.6718, 20.3311, 23.4993**, and the grayscale version is **24.1428, 25.4001, 27.6607**.

A 20% lighter version of the original color is **46.9266, 55.1847, 56.3225**, and **8.3883, 10.7538, 10.4377** is the 20% darker color. If you saturate the color by 10%, you get **20.1918, 26.1348, 25.0996**, and if you desaturate by 10%, it is **24.9956, 28.5127, 29.7780**.

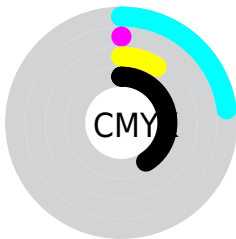
Distribution



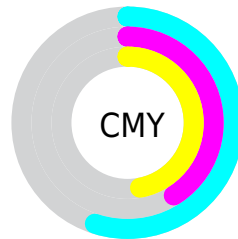
- Red (45%)
- Green (59%)
- Blue (53%)



- Red (45%)
- Yellow (54%)
- Blue (59%)



- Cyan (23%)
- Magenta (0%)
- Yellow (9%)
- Black (41%)



- Cyan (55%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4205, 27.2351, 27.3678 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 22.4205, 27.2351, 27.3678 by changing the saturation by 10% instead.

■ 22.4205, 27.2351,
27.3678

■ 22.4205, 27.2351,
27.3678

257.3257,
288.7936, 303.2499

■ 14.2845, 17.7499,
17.6148

■ 46.9137, 55.2609,
56.4844

■ 8.4019, 10.7706,
10.5072

■ 64.0017, 74.5703,
76.6850

■ 4.4071, 5.9128,
5.6265

■ 84.8043, 97.9231,
101.2053

■ 1.9349, 2.7921,
2.5543

109.6871,
125.7038, 130.4637

■ 0.5970, 1.0242,
0.8687

139.0152,
158.2969, 164.8789

■ 0.0000, 0.0000,
0.0000

173.1541,

196.0866, 204.8693

212.4692,
239.4574, 250.8534

■ 22.4205, 27.2351,
27.3678

■ 22.4205, 27.2351,
27.3678

■ 20.1918, 26.1348,
25.0996

■ 24.9956, 28.5127,
29.7780

■ 18.2913, 25.2003,
22.9689

■ 27.9297, 29.9718,
32.3311

■ 16.7026, 24.4238,
20.9733

■ 31.2375, 31.6207,
35.0302

■ 15.4070, 23.7958,
19.1099

■ 34.9321, 33.4661,
37.8779

■ 14.3833, 23.3054,
17.3755

■ 39.0261, 35.5145,
40.8766

■ 13.6079, 22.9404,
15.7667

■ 43.5314, 37.7720,
44.0286

■ 13.0523, 22.6863,
14.2799

■ 48.4595, 40.2445,
47.3362

■ 12.7522, 22.5518,
13.3530

■ 53.8214, 42.9375,
50.8018

■ 59.6276, 45.8564,
54.4275

Harmonies

Analogous

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



23.2451, 27.2351, 22.9913



22.4205, 27.2351, 27.3678



22.4903, 27.2351, 32.9374

Triad

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



22.4205, 27.2351, 27.3678



27.0084, 27.2351, 41.0494



28.4957, 27.2351, 22.4879

Complementary

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



22.4205, 27.2351, 27.3678



22.6718, 20.3311, 23.4993

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.



29.6076, 27.2351, 26.5971



22.4205, 27.2351, 27.3678



28.7200, 27.2351, 37.4945

Square

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



22.4205, 27.2351, 27.3678



25.0749, 27.2351, 41.3232



29.6917, 27.2351, 32.0649



26.7147, 27.2351, 20.4193

Rectangle

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



22.4205, 27.2351, 27.3678



23.0345, 27.2351, 36.5960



29.6917, 27.2351, 32.0649



28.9639, 27.2351, 23.6512

Sweetspot

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



22.4213, 27.2362, 27.3684



47.2416, 51.8730, 55.3107



23.1439, 27.7646, 20.3593



10.4109, 11.4666, 12.2070



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



22.4213, 27.2362, 27.3684



37.4398, 47.0119, 46.1773



23.0228, 26.7413, 32.8037



5.8669, 6.5233, 6.9098



10.5920, 18.7096, 11.1591



0.1442, 0.2348, 0.2135

Inverse Universe

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



22.6718, 20.3311, 23.4993



37.9618, 32.6455, 38.1312



22.1416, 20.6597, 19.0408



5.8912, 5.8515, 6.5331



11.1233, 5.6544, 4.1302



0.1500, 0.0748, 0.1237

Previews

White Background



This preview shows how the XYZ color 22.4205, 27.2351, 27.3678 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4205, 27.2351, 27.3678 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 × Fail

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

XYZ 22.4205, 27.2351, 27.3678

Background



This preview shows how black text looks on a background with the XYZ color 22.4205, 27.2351, 27.3678.



This preview shows how white text looks on a background with the XYZ color 22.4205, 27.2351,

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

22.4205, 27.2351, 27.3678

Protanopia

25.8024, 27.1877, 25.3606

Deuteranopia

27.5105, 26.9235, 28.1729



Tritanopia

24.2130, 27.2580, 36.3329

Trichromacy



Original Color

22.4205, 27.2351, 27.3678

Protanomaly

24.3507, 27.0951, 26.1368

Deuteranomaly

25.4158, 26.9318, 27.9036

Tritanomaly

23.5661, 27.2334, 32.8687

Monochromacy



Original Color

22.4205, 27.2351, 27.3678

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.3943, 25.8980, 27.4327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4205, 27.2351, 27.3678 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, 150, 136)` looks like.

```
.text, #text, p{  
    color:rgb(115, 150, 136)  
}
```

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, 150, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 150, 136) }
```

Border

The CSS property to change the border of an element to XYZ 22.4205, 27.2351, 27.3678 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, 150, 136) }
```


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

```
.border{ border-color:rgb(115, 150, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 150, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 150, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 150, 136);  
box-shadow:4px 4px 4px 4px rgb(115, 150,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4205, 27.2351, 27.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 150, 136) }
```

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

```
.background{ background-color: rgb(115,  
150, 136) }
```

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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