

Converting Colors

XYZ(22.0778, 24.9227, 27.1776)

Have a look what the booklet for
XYZ(22.0778, 24.9227, 27.1776)
contains.

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Color

**XYZ(22.2086, 25.0668,
27.3348)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8D89
RGB	123, 141, 137
RGB Percent	48%, 55%, 54%
CMY	0.5176, 0.4470, 0.4627
CMYK	0.13, 0.00, 0.03, 0.45
HSL	167°, 7%, 52%
HSV	167°, 13%, 55%
XYZ	22.2086, 25.0668, 27.3348
YIQ	135.1620, -9.4440, -5.0600

Conversions

Conversions Part 2

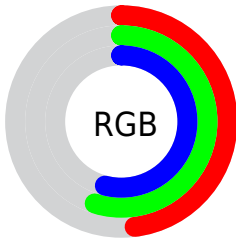
Format	Color
R_{YB}	123, 133, 141
Decimal	8097161
CIE _{Lab}	57.14, -7.30, -0.06
CIE _{LCh}	57, 7.299, 180.499
Yxy	25.0668, 0.2977, 0.3360
Android (android.graphics.Color)	4286287241 (0xFF7B8D89)
YUV	135.1620, 0.9061, -10.6661
Hunter-Lab	50.0668, -8.4378, 2.6763

Details

The XYZ color **22.2086, 25.0668, 27.3348** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.8991, 21.3616, 23.0487**, and the grayscale version is **23.0890, 24.2915, 26.4534**.

A 20% lighter version of the original color is **46.7139, 51.9780, 56.2859**, and **8.2854, 9.6261, 10.4382** is the 20% darker color. If you saturate the color by 10%, you get **20.1136, 24.0131, 26.0804**, and if you desaturate by 10%, it is **24.6021, 26.2750, 28.6383**.

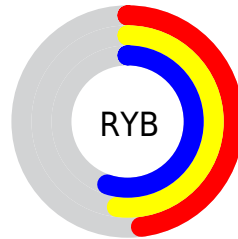
Distribution



Red (48%)

Green (55%)

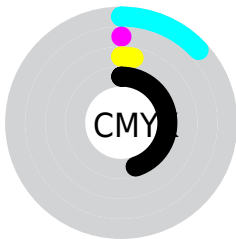
Blue (54%)



Red (48%)

Yellow (52%)

Blue (55%)

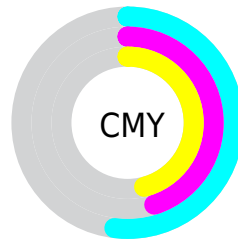


Cyan (13%)

Magenta (0%)

Yellow (3%)

Black (45%)



Cyan (52%)

Magenta (45%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2086, 25.0668, 27.3348 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 22.2086, 25.0668, 27.3348 by changing the saturation by 10% instead.

■ 22.2086, 25.0668,
27.3348

■ 22.2086, 25.0668,
27.3348

256.2456,
278.1704, 303.0858

■ 14.1277, 16.1268,
17.5902

■ 46.5668, 51.7656,
56.4309

■ 8.2918, 9.6139,
10.4898

■ 63.5749, 70.2932,
76.6195

■ 4.3356, 5.1438,
5.6151

■ 84.2893, 92.7854,
101.1264

■ 1.8937, 2.3319,
2.5475

109.0756,
119.6267, 130.3703

■ 0.5732, 0.7905,
0.8652

138.2990,
151.2015, 164.7696

■ 0.0000, 0.0000,
0.0000

172.3249,

187.8941, 204.7429

211.5187,
230.0890, 250.7088

■ 22.2086, 25.0668,
27.3348

■ 22.2086, 25.0668,
27.3348

■ 20.1136, 24.0131,
26.0804

■ 24.6021, 26.2750,
28.6383

■ 18.3025, 23.1043,
24.8726

■ 27.3037, 27.6406,
29.9902

■ 16.7629, 22.3347,
23.7110

■ 30.3252, 29.1703,
31.3916

■ 15.4802, 21.6968,
22.5946

■ 33.6769, 30.8696,
32.8435

■ 14.4387, 21.1826,
21.5226

■ 37.3689, 32.7434,
34.3465

■ 13.6210, 20.7830,
20.4936

■ 41.4108, 34.7969,
35.9014

■ 13.0071, 20.4877,
19.5065

■ 45.8118, 37.0346,
37.5088

■ 12.5734, 20.2846,
18.5599

■ 50.5807, 39.4613,
39.1695

■ 12.3212, 20.1690,
17.8979

■ 55.7261, 42.0812,
40.8840

Harmonies

Analogous

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



22.4139, 25.0668, 25.0257



22.2086, 25.0668, 27.3348



22.4277, 25.0668, 29.7700

Triad

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



22.2086, 25.0668, 27.3348



24.6750, 25.0668, 31.5838



24.6494, 25.0668, 23.3732

Complementary

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



22.2086, 25.0668, 27.3348



21.8991, 21.3616, 23.0487

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.



25.2796, 25.0668, 24.9583



22.2086, 25.0668, 27.3348



25.2946, 25.0668, 29.6943

Square

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



22.2086, 25.0668, 27.3348



23.8397, 25.0668, 32.3118



25.5185, 25.0668, 27.2522



23.8108, 25.0668, 22.8237

Rectangle

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



22.2086, 25.0668, 27.3348



22.7881, 25.0668, 31.1159



25.5185, 25.0668, 27.2522



24.8934, 25.0668, 23.7977

Sweetspot

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



22.2093, 25.0679, 27.3354



43.4601, 46.7511, 50.9716



21.8830, 25.0082, 22.4130



9.6388, 10.4076, 11.3486



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



22.2093, 25.0679, 27.3354



38.7630, 44.3823, 48.3687



21.8092, 23.7996, 28.6448



5.5097, 6.0961, 6.6497



11.2402, 18.3919, 16.3507



0.1156, 0.1791, 0.1993

Inverse Universe

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



21.8991, 21.3616, 23.0487



38.1078, 36.5532, 39.3144



22.2536, 22.4797, 21.9054



5.4549, 5.4425, 5.8937



10.2507, 5.2573, 1.7058



0.1051, 0.0531, 0.0535

Previews

White Background



This preview shows how the XYZ color 22.2086, 25.0668, 27.3348 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 22.2086, 25.0668, 27.3348 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

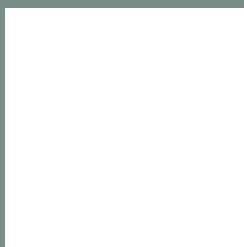
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.2086, 25.0668, 27.3348

Background



This preview shows how black text looks on a background with the XYZ color 22.2086, 25.0668, 27.3348.



This preview shows how white text looks on a background with the XYZ color 22.2086, 25.0668,

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

22.2086, 25.0668, 27.3348

Protanopia

23.9225, 24.9050, 26.1006

Deuteranopia

25.4422, 25.0287, 27.9162



Tritanopia

23.1951, 25.0272, 32.4624

Trichromacy



Original Color

22.2086, 25.0668, 27.3348

Protanomaly

23.2932, 24.9946, 26.5184

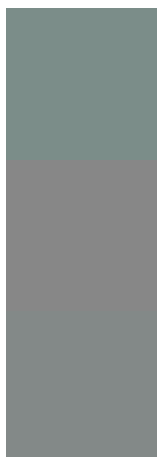
Deuteranomaly

24.2068, 25.0187, 27.5980

Tritanomaly

22.8011, 25.0856, 30.4283

Monochromacy



Original Color

22.2086, 25.0668, 27.3348

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.7497, 24.4942, 26.8214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2086, 25.0668, 27.3348 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(123, 141, 137)` looks like.

```
.text, #text, p{  
    color:rgb(123, 141, 137)  
}
```

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(123, 141, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 141, 137) }
```

Border

The CSS property to change the border of an element to XYZ 22.2086, 25.0668, 27.3348 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(123, 141, 137) }
```


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

```
.border{ border-color:rgb(123, 141, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 141, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 141, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 141, 137); box-shadow:4px 4px 4px 4px rgb(123, 141, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2086, 25.0668, 27.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 141, 137) }
```

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

```
.background{ background-color: rgb(123,  
141, 137) }
```

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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