

Converting Colors

XYZ(22.5640, 25.2174, 30.5495)

Have a look what the booklet for
XYZ(22.5640, 25.2174, 30.5495)
contains.

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Color

**XYZ(22.5209, 25.1590,
30.4573)**

Conversions

Conversions Part 1

Format	Color
Hex	798D91
RGB	121, 141, 145
RGB Percent	47%, 55%, 57%
CMY	0.5255, 0.4470, 0.4314
CMYK	0.17, 0.03, 0.00, 0.43
HSL	190°, 10%, 52%
HSV	190°, 17%, 57%
XYZ	22.5209, 25.1590, 30.4573
YIQ	135.4760, -13.2040, -2.9960

Conversions

Conversions Part 2

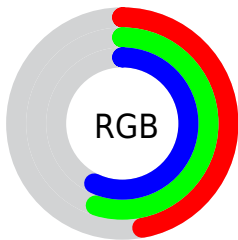
Format	Color
RYB	121, 132, 145
Decimal	7966097
CIELab	57.23, -6.25, -4.54
CIELCh	57, 7.724, 216.013
Yxy	25.1590, 0.2882, 0.3220
Android (android.graphics.Color)	4286156177 (0xFF798D91)
YUV	135.4760, 4.6953, -12.6955
Hunter-Lab	50.1587, -7.6327, -0.8908

Details

The XYZ color **22.5209, 25.1590, 30.4573** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.4622, 22.0676, 21.1654**, and the grayscale version is **23.1932, 24.4011, 26.5728**.

A 20% lighter version of the original color is **47.2795, 52.1524, 61.6074**, and **8.4791, 9.6861, 12.2492** is the 20% darker color. If you saturate the color by 10%, you get **20.2875, 23.4853, 30.2524**, and if you desaturate by 10%, it is **25.0690, 27.0078, 30.6803**.

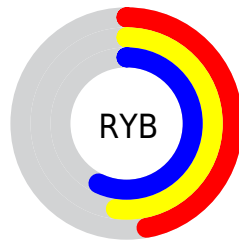
Distribution



Red (47%)

Green (55%)

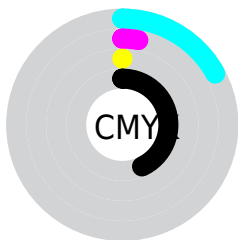
Blue (57%)



Red (47%)

Yellow (52%)

Blue (57%)

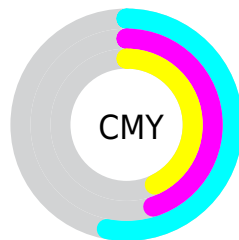


Cyan (17%)

Magenta (3%)

Yellow (0%)

Black (43%)



Cyan (53%)

Magenta (45%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5209, 25.1590, 30.4573 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 22.5209, 25.1590, 30.4573 by changing the saturation by 10% instead.

■ 22.5209, 25.1590,
30.4573

■ 22.5209, 25.1590,
30.4573

257.8361,
278.6288, 318.3037

■ 14.3589, 16.1956,
19.9310

■ 47.0779, 51.9150,
61.4542

■ 8.4541, 9.6626,
12.1613

■ 64.2036, 70.4764,
82.7617

■ 4.4411, 5.1759,
6.7297

■ 85.0479, 93.0059,
108.5002

■ 1.9546, 2.3508,
3.2178

109.9762,
119.8879, 139.0880

■ 0.6083, 0.8004,
1.2069

139.3538,
151.5068, 174.9437

■ 0.0000, 0.0000,
0.0000

173.5461,

188.2470, 216.4858

212.9184,
230.4929, 264.1330

■ 22.5209, 25.1590,
30.4573

■ 22.5209, 25.1590,
30.4573

■ 20.2875, 23.4853,
30.2524

■ 25.0690, 27.0078,
30.6803

■ 18.3530, 21.9764,
30.0631

■ 27.9423, 29.0353,
30.9202

■ 16.7035, 20.6258,
29.8893

■ 31.1538, 31.2487,
31.1781

■ 15.3229, 19.4253,
29.7304

■ 34.7147, 33.6541,
31.4547

■ 14.1939, 18.3656,
29.5853

■ 38.6361, 36.2571,
31.7505

■ 13.2967, 17.4366,
29.4533

■ 42.9283, 39.0631,
32.0659

■ 12.6087, 16.6265,
29.3332

■ 47.6013, 42.0774,
32.4014

■ 12.0935, 15.9165,
29.2233

■ 52.6647, 45.3050,
32.7575

■ 11.9293, 15.6812,
29.1865

■ 58.1278, 48.7508,
33.1347

Harmonies

Analogous

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



22.2093, 25.1590, 27.9239



22.5209, 25.1590, 30.4573



23.2063, 25.1590, 32.2484

Triad

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



22.5209, 25.1590, 30.4573



25.5528, 25.1590, 29.4889



23.7295, 25.1590, 22.6923

Complementary

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



22.5209, 25.1590, 30.4573



22.4622, 22.0676, 21.1654

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.



24.6336, 25.1590, 23.0527



22.5209, 25.1590, 30.4573



25.7014, 25.1590, 26.8706

Square

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



22.5209, 25.1590, 30.4573



24.9599, 25.1590, 31.6649



25.3611, 25.1590, 24.5431



22.8956, 25.1590, 23.5253

Rectangle

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



22.5209, 25.1590, 30.4573



23.7910, 25.1590, 32.7212



25.3611, 25.1590, 24.5431



24.0351, 25.1590, 22.6786

Sweetspot

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



22.5216, 25.1600, 30.4579



45.6020, 48.8715, 55.0032



21.6873, 25.7867, 23.1032



10.0763, 10.8233, 12.2302



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.5216, 25.1600, 30.4579



38.7204, 43.8617, 54.3989



20.8996, 21.9160, 29.9172



5.4849, 5.9655, 6.8911



10.2481, 13.4823, 25.0393



0.1111, 0.1552, 0.2438

Inverse Universe

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



23.3228, 21.6182, 28.1439



40.4583, 36.2953, 49.3531



24.0176, 25.1786, 21.6838



5.5882, 5.4958, 6.5955



12.9759, 6.3474, 16.0562



0.1307, 0.0633, 0.1884

Previews

White Background



This preview shows how the XYZ color 22.5209, 25.1590, 30.4573 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 22.5209, 25.1590, 30.4573 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

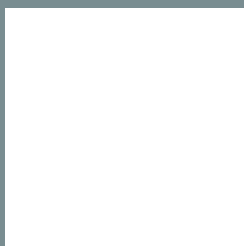
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5209, 25.1590, 30.4573

Background



This preview shows how black text looks on a background with the XYZ color 22.5209, 25.1590, 30.4573.



This preview shows how white text looks on a background with the XYZ color 22.5209, 25.1590,

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

22.5209, 25.1590, 30.4573

Protanopia

24.1679, 24.9646, 29.1360

Deuteranopia

25.5080, 24.9926, 31.0834



Tritanopia

22.9900, 25.1281, 32.9167

Trichromacy



Original Color

22.5209, 25.1590, 30.4573

Protanomaly

23.5621, 25.0657, 29.5829

Deuteranomaly

24.3090, 25.0020, 30.7388

Tritanomaly

22.8289, 25.0637, 32.0683

Monochromacy



Original Color

22.5209, 25.1590, 30.4573

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.8118, 24.5012, 27.9530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5209, 25.1590, 30.4573 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(121, 141, 145)` looks like.

```
.text, #text, p{  
    color:rgb(121, 141, 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(121, 141, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 141, 145) }
```

Border

The CSS property to change the border of an element to XYZ 22.5209, 25.1590, 30.4573 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(121, 141, 145) }
```


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

```
.border{ border-color:rgb(121, 141, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 141, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 141, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 141, 145);  
box-shadow:4px 4px 4px 4px rgb(121, 141,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5209, 25.1590, 30.4573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 141, 145) }
```

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

```
.background{ background-color: rgb(121,  
141, 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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