

Converting Colors

XYZ(22.5584, 24.8778, 31.8356)

Have a look what the booklet for
XYZ(22.5584, 24.8778, 31.8356)
contains.

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Color

**XYZ(22.6085, 24.9592,
31.6430)**

Conversions

Conversions Part 1

Format	Color
Hex	798C94
RGB	121, 140, 148
RGB Percent	47%, 55%, 58%
CMY	0.5255, 0.4510, 0.4196
CMYK	0.18, 0.05, 0.00, 0.42
HSL	198°, 11%, 53%
HSV	198°, 18%, 58%
XYZ	22.6085, 24.9592, 31.6430
YIQ	135.2310, -13.8920, -1.5400

Conversions

Conversions Part 2

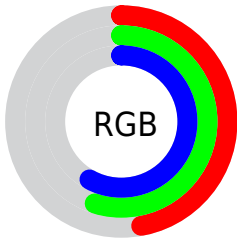
Format	Color
R_{YB}	121, 132, 148
Decimal	7965844
CIE Lab	57.04, -5.01, -6.55
CIE LCh	57, 8.247, 232.602
Yxy	24.9592, 0.2854, 0.3151
Android (android.graphics.Color)	4286155924 (0xFF798C94)
YUV	135.2310, 6.2951, -12.4806
Hunter-Lab	49.9592, -6.6503, -2.5815

Details

The XYZ color **22.6085, 24.9592, 31.6430** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5144, 23.3769, 21.3624**, and the grayscale version is **23.0965, 24.2993, 26.4619**.

A 20% lighter version of the original color is **47.4080, 51.8465, 63.3858**, and **8.4863, 9.5531, 12.7059** is the 20% darker color. If you saturate the color by 10%, you get **20.0637, 22.7158, 31.3445**, and if you desaturate by 10%, it is **25.4985, 27.4198, 31.9660**.

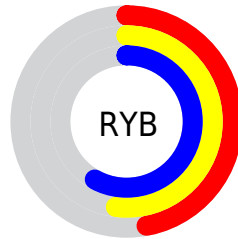
Distribution



Red (47%)

Green (55%)

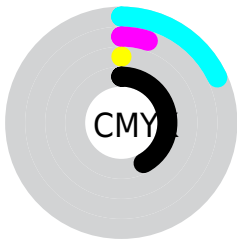
Blue (58%)



Red (47%)

Yellow (52%)

Blue (58%)

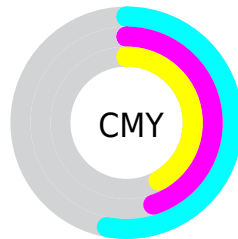


Cyan (18%)

Magenta (5%)

Yellow (0%)

Black (42%)



Cyan (53%)

Magenta (45%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6085, 24.9592, 31.6430 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 22.6085, 24.9592, 31.6430 by changing the saturation by 10% instead.

■ 22.6085, 24.9592,
31.6430

■ 22.6085, 24.9592,
31.6430

258.2808,
277.6347, 323.9322

■ 14.4238, 16.0467,
20.8264

■ 47.2211, 51.5910,
63.3424

■ 8.4997, 9.5572,
12.8072

■ 64.3797, 70.0791,
85.0623

■ 4.4708, 5.1064,
7.1667

■ 85.2603, 92.5278,
111.2537

■ 1.9718, 2.3098,
3.4866

110.2282,
119.3216, 142.3351

■ 0.6180, 0.7789,
1.3481

139.6489,
150.8447, 178.7252

■ 0.0000, 0.0000,
0.1008

173.8877,

■ 0.0000, 0.0000,

187.4817, 220.8423

0.0000

213.3098,
229.6169, 269.1052

■ 22.6085, 24.9592,
31.6430

■ 22.6085, 24.9592,
31.6430

■ 20.0637, 22.7158,
31.3445

■ 25.4985, 27.4198,
31.9660

■ 17.8473, 20.6784,
31.0681

■ 28.7453, 30.1020,
32.3126

■ 15.9439, 18.8395,
30.8134

■ 32.3628, 33.0140,
32.6840

■ 14.3364, 17.1897,
30.5797

■ 36.3633, 36.1627,
33.0809

■ 13.0058, 15.7187,
30.3659

■ 40.7585, 39.5544,
33.5039

■ 11.9306, 14.4150,
30.1710

■ 45.5597, 43.1953,
33.9537

■ 11.0859, 13.2654,
29.9936

■ 50.7776, 47.0915,
34.4307

■ 10.4223, 12.2437,
29.8313

■ 56.4228, 51.2487,
34.9356

■ 10.3117, 12.0708,
29.8038

■ 62.5051, 55.6724,
35.4689

Harmonies

Analogous

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



22.0430, 24.9592, 29.2807



22.6085, 24.9592, 31.6430



23.4837, 24.9592, 32.8230

Triad

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



22.6085, 24.9592, 31.6430



25.6204, 24.9592, 27.8697



23.0136, 24.9592, 22.5387

Complementary

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



22.6085, 24.9592, 31.6430



23.5144, 23.3769, 21.3624

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.



23.9638, 24.9592, 22.2175



22.6085, 24.9592, 31.6430



25.4862, 24.9592, 25.1753

Square

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



22.6085, 24.9592, 31.6430



25.2352, 24.9592, 30.5501



24.8735, 24.9592, 23.1511



22.2724, 24.9592, 24.0605

Rectangle

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



22.6085, 24.9592, 31.6430



24.1321, 24.9592, 32.7276



24.8735, 24.9592, 23.1511



23.3185, 24.9592, 22.2912

Sweetspot

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



22.6092, 24.9602, 31.6436



46.7217, 49.8247, 56.5892



22.4147, 26.8209, 24.6431



10.5841, 11.3062, 12.9093



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.



22.6092, 24.9602, 31.6436



37.9352, 42.3332, 55.6063



20.8009, 21.3435, 31.0408



5.8205, 6.2750, 7.3742



8.8321, 10.3590, 25.4650



0.1338, 0.1782, 0.3202

Inverse Universe

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



23.7843, 21.8646, 27.7788



40.4390, 35.9051, 47.3336



25.3597, 27.0675, 21.9775



5.9629, 5.8802, 6.9105



12.5851, 6.2391, 11.8281



0.1670, 0.0816, 0.2131

Previews

White Background



This preview shows how the XYZ color 22.6085, 24.9592, 31.6430 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 22.6085, 24.9592, 31.6430 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

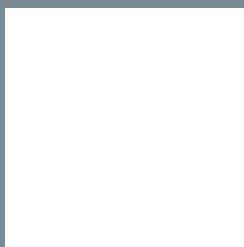
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.6085, 24.9592, 31.6430

Background



This preview shows how black text looks on a background with the XYZ color 22.6085, 24.9592, 31.6430.

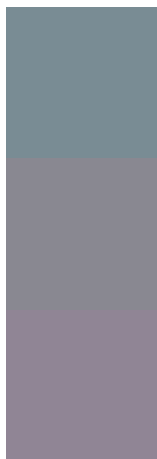


This preview shows how white text looks on a background with the XYZ color 22.6085, 24.9592,

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

22.6085, 24.9592, 31.6430

Protanopia

24.2315, 24.9710, 30.3308

Deuteranopia

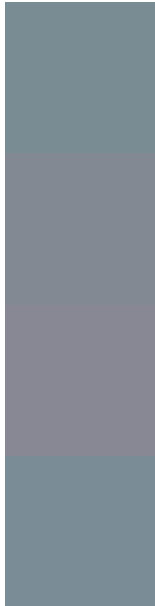
25.3139, 24.8743, 31.9008



Tritanopia

22.9900, 25.1281, 32.9167

Trichromacy



Original Color

22.6085, 24.9592, 31.6430

Protanomaly

23.4940, 24.7919, 30.7412

Deuteranomaly

24.3823, 25.0125, 31.9766

Tritanomaly

22.9091, 25.0958, 32.4907

Monochromacy



Original Color

22.6085, 24.9592, 31.6430

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.8852, 24.5306, 28.3396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6085, 24.9592, 31.6430 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, 140, 148)` looks like.

```
.text, #text, p{  
    color:rgb(121, 140, 148)  
}
```

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, 140, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 140, 148) }
```

Border

The CSS property to change the border of an element to XYZ 22.6085, 24.9592, 31.6430 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, 140, 148) }
```


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

```
.border{ border-color:rgb(121, 140, 148) }
```

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

Here you see how a box with a 4 pixel rgb(121, 140, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 140, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 140, 148);  
box-shadow:4px 4px 4px 4px rgb(121, 140,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6085, 24.9592, 31.6430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 140, 148) }
```

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

```
.background{ background-color: rgb(121,  
140, 148) }
```

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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