

Converting Colors

XYZ(22.8120, 25.8198, 28.6576)

Have a look what the booklet for
XYZ(22.8120, 25.8198, 28.6576)
contains.

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Color

**XYZ(22.7245, 25.7493,
28.5834)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8F8C
RGB	123, 143, 140
RGB Percent	48%, 56%, 55%
CMY	0.5176, 0.4392, 0.4510
CMYK	0.14, 0.00, 0.02, 0.44
HSL	171°, 8%, 52%
HSV	171°, 14%, 56%
XYZ	22.7245, 25.7493, 28.5834
YIQ	136.6780, -10.9570, -5.1730

Conversions

Conversions Part 2

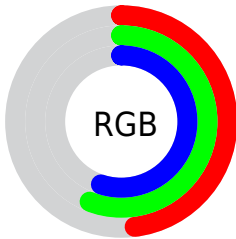
Format	Color
R_{YB}	123, 134, 143
Decimal	8097676
CIE _{Lab}	57.80, -7.77, -0.82
CIE _{LCh}	58, 7.811, 186.040
Yxy	25.7493, 0.2949, 0.3342
Android (android.graphics.Color)	4286287756 (0xFF7B8F8C)
YUV	136.6780, 1.6377, -11.9956
Hunter-Lab	50.7438, -8.8642, 2.1232

Details

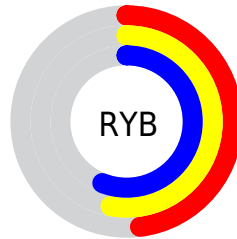
The XYZ color **22.7245, 25.7493, 28.5834** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.1775, 21.5127, 22.7233**, and the grayscale version is **23.6539, 24.8858, 27.1006**.

A 20% lighter version of the original color is **47.4964, 53.0129, 58.1813**, and **8.5839, 10.0227, 11.1550** is the 20% darker color. If you saturate the color by 10%, you get **20.6699, 24.7089, 27.6696**, and if you desaturate by 10%, it is **25.0826, 26.9472, 29.5286**.

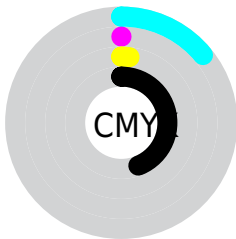
Distribution



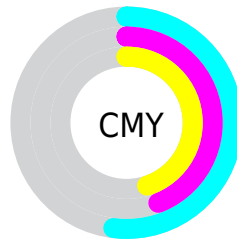
- Red (48%)
- Green (56%)
- Blue (55%)



- Red (48%)
- Yellow (53%)
- Blue (56%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (44%)



- Cyan (52%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7245, 25.7493, 28.5834 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 22.7245, 25.7493, 28.5834 by changing the saturation by 10% instead.

■ 22.7245, 25.7493,
28.5834

■ 22.7245, 25.7493,
28.5834

258.8686,
281.5492, 309.2434

■ 14.5098, 16.6362,
18.5230

■ 47.4106, 52.8702,
58.4488

■ 8.5601, 9.9754,
11.1528

■ 64.6126, 71.6468,
79.0909

■ 4.5102, 5.3827,
6.0543

■ 85.5411, 94.4134,
104.0973

■ 1.9946, 2.4735,
2.8088

110.5615,
121.5543, 133.8867

■ 0.6309, 0.8633,
0.9978

140.0391,
153.4539, 168.8774

■ 0.0000, 0.0000,
0.0000

174.3393,

190.4967, 209.4880

213.8273,
233.0670, 256.1372

■ 22.7245, 25.7493,
28.5834

■ 22.7245, 25.7493,
28.5834

■ 20.6699, 24.7089,
27.6696

■ 25.0826, 26.9472,
29.5286

■ 18.9035, 23.8161,
26.7848

■ 27.7540, 28.3055,
30.5041

■ 17.4123, 23.0647,
25.9289

■ 30.7510, 29.8313,
31.5111

■ 16.1813, 22.4472,
25.1009

■ 34.0844, 31.5302,
32.5502

■ 15.1939, 21.9549,
24.3001

■ 37.7646, 33.4075,
33.6221

■ 14.4319, 21.5784,
23.5255

■ 41.8015, 35.4684,
34.7272

■ 13.8742, 21.3069,
22.7760

■ 46.2048, 37.7177,
35.8661

■ 13.4952, 21.1272,
22.0504

■ 50.9834, 40.1601,
37.0393

■ 13.3074, 21.0396,
21.6233

■ 56.1463, 42.8003,
38.2473

Harmonies

Analogous

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



22.8631, 25.7493, 25.9916



22.7245, 25.7493, 28.5834



23.0449, 25.7493, 31.1854

Triad

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



22.7245, 25.7493, 28.5834



25.5500, 25.7493, 32.4224



25.2134, 25.7493, 23.5780

Complementary

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



22.7245, 25.7493, 28.5834



22.1775, 21.5127, 22.7233

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.



25.9609, 25.7493, 25.1072



22.7245, 25.7493, 28.5834



26.1587, 25.7493, 30.1861

Square

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



22.7245, 25.7493, 28.5834



24.6641, 25.7493, 33.4911



26.3109, 25.7493, 27.4968



24.2847, 25.7493, 23.2091

Rectangle

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



22.7245, 25.7493, 28.5834



23.4806, 25.7493, 32.5409



26.3109, 25.7493, 27.4968



25.4949, 25.7493, 23.9684

Sweetspot

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



22.7252, 25.7504, 28.5840



44.8730, 48.2337, 52.8619



22.0519, 25.5371, 22.5063



10.2190, 11.0248, 12.0950



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.



22.7252, 25.7504, 28.5840



39.3949, 45.4534, 50.6290



21.9783, 23.8974, 29.4421



5.5260, 6.1026, 6.7355



11.7718, 18.6046, 19.1501



0.1187, 0.1803, 0.2153

Inverse Universe

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



22.1775, 21.5127, 22.7233



38.2053, 36.2480, 37.8994



22.8421, 23.1473, 22.0034



5.4398, 5.4365, 5.8142



10.1446, 5.2149, 1.1470



0.1020, 0.0519, 0.0376

Previews

White Background



This preview shows how the XYZ color 22.7245, 25.7493, 28.5834 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 22.7245, 25.7493, 28.5834 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 22.7245, 25.7493, 28.5834

Background



This preview shows how black text looks on a background with the XYZ color 22.7245, 25.7493, 28.5834.



This preview shows how white text looks on a background with the XYZ color 22.7245, 25.7493,

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

22.7245, 25.7493, 28.5834

Protanopia

24.5883, 25.6458, 27.3211

Deuteranopia

26.1701, 25.5825, 29.1498



Tritanopia

23.6498, 25.6767, 33.4154

Trichromacy



Original Color

22.7245, 25.7493, 28.5834

Protanomaly

23.7970, 25.6595, 27.7433

Deuteranomaly

24.7379, 25.4771, 28.8131

Tritanomaly

23.3305, 25.7692, 31.7613

Monochromacy



Original Color

22.7245, 25.7493, 28.5834

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.3358, 25.2057, 27.6800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7245, 25.7493, 28.5834 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, 143, 140)` looks like.

```
.text, #text, p{  
    color:rgb(123, 143, 140)  
}
```

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, 143, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 143, 140) }
```

Border

The CSS property to change the border of an element to XYZ 22.7245, 25.7493, 28.5834 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, 143, 140) }
```


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

```
.border{ border-color:rgb(123, 143, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 143, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 143, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 143, 140);  
box-shadow:4px 4px 4px 4px rgb(123, 143,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7245, 25.7493, 28.5834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 143, 140) }
```

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

```
.background{ background-color: rgb(123,  
143, 140) }
```

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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