

Converting Colors

XYZ(22.5353, 26.7779, 28.3340)

Have a look what the booklet for
XYZ(22.5353, 26.7779, 28.3340)
contains.

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Color

**XYZ(22.5862, 26.8258,
28.4136)**

Conversions

Conversions Part 1

Format	Color
Hex	75948B
RGB	117, 148, 139
RGB Percent	46%, 58%, 55%
CMY	0.5412, 0.4196, 0.4549
CMYK	0.21, 0.00, 0.06, 0.42
HSL	163°, 13%, 52%
HSV	163°, 21%, 58%
XYZ	22.5862, 26.8258, 28.4136
YIQ	137.7050, -15.5870, -9.3710

Conversions

Conversions Part 2

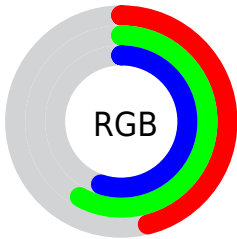
Format	Color
R_{YB}	117, 135, 148
Decimal	7705739
CIE _{Lab}	58.81, -12.77, 1.18
CIE _{LCh}	59, 12.825, 174.715
Yxy	26.8258, 0.2902, 0.3447
Android (android.graphics.Color)	4285895819 (0xFF75948B)
YUV	137.7050, 0.6384, -18.1583
Hunter-Lab	51.7936, -12.7985, 3.7295

Details

The XYZ color **22.5862, 26.8258, 28.4136** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.3408, 20.5255, 22.5240**, and the grayscale version is **24.0476, 25.2999, 27.5516**.

A 20% lighter version of the original color is **47.2125, 54.5929, 57.9183**, and **8.4618, 10.4996, 11.0318** is the 20% darker color. If you saturate the color by 10%, you get **20.4450, 25.7583, 26.7067**, and if you desaturate by 10%, it is **25.0557, 28.0626, 30.2015**.

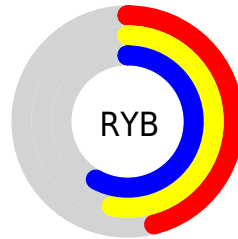
Distribution



Red (46%)

Green (58%)

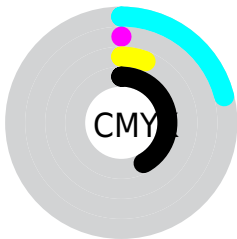
Blue (55%)



Red (46%)

Yellow (53%)

Blue (58%)

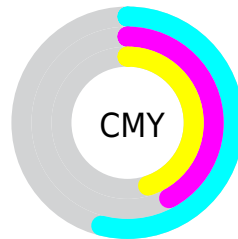


Cyan (21%)

Magenta (0%)

Yellow (6%)

Black (42%)



Cyan (54%)

Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5862, 26.8258, 28.4136 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 22.5862, 26.8258, 28.4136 by changing the saturation by 10% instead.

■ 22.5862, 26.8258,
28.4136

■ 22.5862, 26.8258,
28.4136

258.1677,
286.8127, 308.4119

■ 14.4073, 17.4424,
18.3959

■ 47.1846, 54.6042,
58.1751

■ 8.4881, 10.5504,
11.0622

■ 64.3349, 73.7680,
78.7560

■ 4.4632, 5.7654,
5.9940

■ 85.2062, 96.9608,
103.6951

■ 1.9674, 2.7030,
2.7727

110.1641,
124.5669, 133.4109

■ 0.6155, 0.9787,
0.9798

139.5738,
156.9708, 168.3220

■ 0.0000, 0.0000,
0.0000

173.8008,

194.5568, 208.8468

213.2103,
237.7093, 255.4039

■ 22.5862, 26.8258,
28.4136

■ 22.5862, 26.8258,
28.4136

■ 20.4450, 25.7583,
26.7067

■ 25.0557, 28.0626,
30.2015

■ 18.6150, 24.8490,
25.0775

■ 27.8651, 29.4725,
32.0698

■ 17.0808, 24.0909,
23.5252

■ 31.0283, 31.0632,
34.0206

■ 15.8249, 23.4748,
22.0481

■ 34.5577, 32.8413,
36.0551

■ 14.8278, 22.9909,
20.6445

■ 38.4650, 34.8127,
38.1746

■ 14.0676, 22.6276,
19.3127

■ 42.7614, 36.9833,
40.3802

■ 13.5183, 22.3718,
18.0507

■ 47.4579, 39.3585,
42.6731

■ 13.1416, 22.2013,
16.9647

■ 52.5646, 41.9437,
45.0545

■ 58.0916, 44.7440,
47.5254

Harmonies

Analogous

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



23.0935, 26.8258, 24.4595



22.5862, 26.8258, 28.4136



22.8322, 26.8258, 33.0052

Triad

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



22.5862, 26.8258, 28.4136



26.7904, 26.8258, 37.8597



27.2951, 26.8258, 22.6582

Complementary

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



22.5862, 26.8258, 28.4136



22.3408, 20.5255, 22.5240

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.



28.3617, 26.8258, 25.7152



22.5862, 26.8258, 28.4136



28.0620, 26.8258, 34.5361

Square

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



22.5862, 26.8258, 28.4136



25.2179, 26.8258, 38.7718



28.6480, 26.8258, 30.0186



25.7783, 26.8258, 21.3637

Rectangle

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



22.5862, 26.8258, 28.4136



23.3958, 26.8258, 35.7778



28.6480, 26.8258, 30.0186



27.7206, 26.8258, 23.4974

Sweetspot

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



22.5870, 26.8269, 28.4142



46.5237, 50.6744, 54.8597



22.4501, 26.9238, 20.8435



10.5557, 11.5354, 12.4801



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.



22.5870, 26.8269, 28.4142



38.0614, 46.4385, 48.7444



22.3255, 25.2076, 31.7072



5.8931, 6.5338, 7.0478



11.2367, 18.9675, 14.5540



0.1504, 0.2373, 0.2457

Inverse Universe

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



22.3408, 20.5255, 22.5240



37.5503, 33.3306, 36.4964



22.5323, 21.7965, 19.8495



5.8659, 5.8414, 6.4002



10.8144, 5.5308, 2.5036



0.1439, 0.0723, 0.0914

Previews

White Background



This preview shows how the XYZ color 22.5862, 26.8258, 28.4136 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 22.5862, 26.8258, 28.4136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

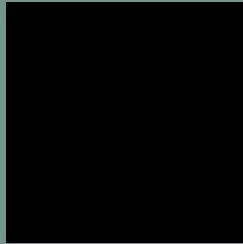
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.5862, 26.8258, 28.4136

Background



This preview shows how black text looks on a background with the XYZ color 22.5862, 26.8258, 28.4136.



This preview shows how white text looks on a background with the XYZ color 22.5862, 26.8258,

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

22.5862, 26.8258, 28.4136

Protanopia

25.5751, 26.8188, 26.7503

Deuteranopia

27.2709, 26.7830, 28.9316



Tritanopia

23.9569, 26.6782, 35.7850

Trichromacy



Original Color

22.5862, 26.8258, 28.4136

Protanomaly

24.4089, 26.8750, 27.1935

Deuteranomaly

25.2430, 26.6059, 28.6160

Tritanomaly

23.3917, 26.6817, 32.7714

Monochromacy



Original Color

22.5862, 26.8258, 28.4136

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.4664, 25.9268, 27.8123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5862, 26.8258, 28.4136 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(117, 148, 139)` looks like.

```
.text, #text, p{  
    color:rgb(117, 148, 139)  
}
```

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(117, 148, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 148, 139) }
```

Border

The CSS property to change the border of an element to XYZ 22.5862, 26.8258, 28.4136 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(117, 148, 139) }
```


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

```
.border{ border-color:rgb(117, 148, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 148, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 148, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 148, 139); box-shadow:4px 4px 4px 4px rgb(117, 148, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5862, 26.8258, 28.4136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 148, 139) }
```

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

```
.background{ background-color: rgb(117,  
148, 139) }
```

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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