

Converting Colors

XYZ(22.8971, 22.1886, 28.5068)

Have a look what the booklet for
XYZ(22.8971, 22.1886, 28.5068)
contains.

XYZ(22.8636, 22.1092, 28.6536)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.8636, 22.1092,
28.6536)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7D8E
RGB	139, 125, 142
RGB Percent	55%, 49%, 56%
CMY	0.4549, 0.5098, 0.4431
CMYK	0.02, 0.12, 0.00, 0.44
HSL	289°, 7%, 52%
HSV	289°, 12%, 56%
XYZ	22.8636, 22.1092, 28.6536
YIQ	131.1240, 2.8870, 8.2550

Conversions

Conversions Part 2

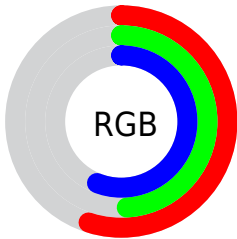
Format	Color
R_{YB}	139, 125, 142
Decimal	9141646
CIE Lab	54.14, 8.62, -7.23
CIE LCh	54, 11.251, 320.019
Yxy	22.1092, 0.3105, 0.3003
Android (android.graphics.Color)	4287331726 (0xFF8B7D8E)
YUV	131.1240, 5.3619, 6.9073
Hunter-Lab	47.0204, 4.5096, -3.2162

Details

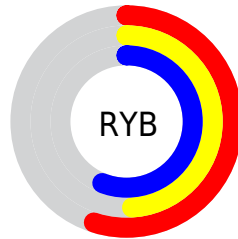
The XYZ color **22.8636, 22.1092, 28.6536** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.2775, 25.4164, 23.1348**, and the grayscale version is **21.5990, 22.7238, 24.7462**.

A 20% lighter version of the original color is **47.8765, 47.1638, 58.8047**, and **8.6360, 8.0654, 11.2268** is the 20% darker color. If you saturate the color by 10%, you get **20.7796, 18.5548, 28.0777**, and if you desaturate by 10%, it is **25.2156, 26.1845, 29.3166**.

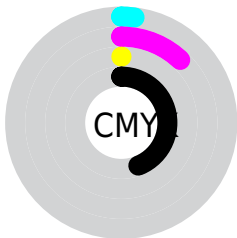
Distribution



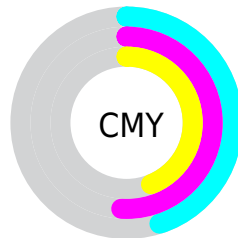
- Red (55%)
- Green (49%)
- Blue (56%)



- Red (55%)
- Yellow (49%)
- Blue (56%)



- Cyan (2%)
- Magenta (12%)
- Yellow (0%)
- Black (44%)



- Cyan (45%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8636, 22.1092, 28.6536 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 22.8636, 22.1092, 28.6536 by changing the saturation by 10% instead.

■ 22.8636, 22.1092,
28.6536

■ 22.8636, 22.1092,
28.6536

259.5721,
263.1160, 309.5866

■ 14.6130, 13.9372,
18.5756

■ 47.6376, 46.9264,
58.5619

■ 8.6327, 8.0770,
11.1903

■ 64.8916, 64.3404,
79.2292

■ 4.5576, 4.1442,
6.0792

■ 85.8775, 85.6038,
104.2635

■ 2.0222, 1.7546,
2.8237

110.9606,
111.1010, 134.0831

■ 0.6464, 0.4586,
1.0054

140.5062,
141.2164, 169.1067

■ 0.0000, 0.0000,
0.0000

174.8798,

176.3345, 209.7528

214.4466,
216.8395, 256.4399

■ 22.8636, 22.1092,
28.6536

■ 22.8636, 22.1092,
28.6536

■ 20.7796, 18.5548,
28.0777

■ 25.2156, 26.1845,
29.3166

■ 18.9506, 15.4967,
27.5838

■ 27.8438, 30.7982,
30.0686

■ 17.3656, 12.9126,
27.1686

■ 30.7585, 35.9707,
30.9134

■ 16.0119, 10.7773,
26.8278

■ 33.9691, 41.7203,
31.8539

■ 14.8759, 9.0633,
26.5568

■ 37.4844, 48.0646,
32.8932

■ 13.9421, 7.7400,
26.3506

■ 41.3127, 55.0204,
34.0341

■ 13.1931, 6.7727,
26.2034

■ 45.4622, 62.6037,
35.2791

■ 12.6085, 6.1205,
26.1083

■ 49.9406, 70.8300,
36.6309

■ 12.2110, 5.7310,
26.0541

■ 54.7556, 79.7145,
38.0920

Harmonies

Analogous

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



21.8276, 22.1092, 30.9542



22.8636, 22.1092, 28.6536



23.4104, 22.1092, 25.2566

Triad

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



22.8636, 22.1092, 28.6536



21.4234, 22.1092, 18.0436



18.8860, 22.1092, 26.4473

Complementary

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



22.8636, 22.1092, 28.6536



22.2775, 25.4164, 23.1348

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.



18.7872, 22.1092, 22.9273



22.8636, 22.1092, 28.6536



20.2212, 22.1092, 18.2959

Square

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



22.8636, 22.1092, 28.6536



22.5579, 22.1092, 19.2829



19.2672, 22.1092, 20.0089



19.5424, 22.1092, 29.5975

Rectangle

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



22.8636, 22.1092, 28.6536



23.4102, 22.1092, 22.9230



19.2672, 22.1092, 20.0089



18.7874, 22.1092, 25.2611

Sweetspot

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



22.8643, 22.1102, 28.6541



43.5487, 44.5772, 51.4369



21.0752, 21.7828, 28.6852



9.6617, 9.8433, 11.4702



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.



22.8643, 22.1102, 28.6541



39.4242, 37.4536, 50.2793



22.9775, 22.2141, 26.6003



5.5342, 5.4636, 6.7917



10.9773, 5.1526, 23.3931



0.1208, 0.0574, 0.2244

Inverse Universe

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



22.3859, 21.9775, 23.4852



38.4406, 37.1833, 39.5350



22.1862, 25.3285, 24.9747



5.4453, 5.4387, 5.8431



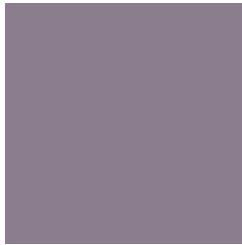
10.1791, 5.2287, 1.3286



0.1032, 0.0523, 0.0434

Previews

White Background



This preview shows how the XYZ color 22.8636, 22.1092, 28.6536 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 22.8636, 22.1092, 28.6536 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 22.8636, 22.1092, 28.6536

Background



This preview shows how black text looks on a background with the XYZ color 22.8636, 22.1092, 28.6536.



This preview shows how white text looks on a background with the XYZ color 22.8636, 22.1092,

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

22.8636, 22.1092, 28.6536

Protanopia

21.6367, 22.2262, 29.5353

Deuteranopia

22.4967, 22.1089, 28.6729



Tritanopia

22.3860, 22.1026, 26.3789

Trichromacy



Original Color

22.8636, 22.1092, 28.6536

Protanomaly

22.0372, 22.2468, 29.1192

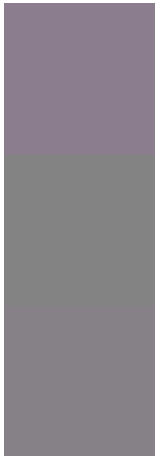
Deuteranomaly

22.6599, 22.1931, 28.6806

Tritanomaly

22.5295, 22.1600, 27.1346

Monochromacy



Original Color

22.8636, 22.1092, 28.6536

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.0549, 22.5181, 26.1057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8636, 22.1092, 28.6536 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(139, 125, 142)` looks like.

```
.text, #text, p{  
    color:rgb(139, 125, 142)  
}
```

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(139, 125, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 125, 142) }
```

Border

The CSS property to change the border of an element to XYZ 22.8636, 22.1092, 28.6536 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(139, 125, 142) }
```


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

```
.border{ border-color:rgb(139, 125, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 125, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 125, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 125, 142);  
box-shadow:4px 4px 4px 4px rgb(139, 125,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8636, 22.1092, 28.6536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 125, 142) }
```

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

```
.background{ background-color: rgb(139,  
125, 142) }
```

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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