

Converting Colors

XYZ(21.4352, 22.1357, 27.6111)

Have a look what the booklet for
XYZ(21.4352, 22.1357, 27.6111)
contains.

XYZ(21.4125, 22.1538, 27.5736)	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(21.4125, 22.1538,
27.5736)**

Conversions

Conversions Part 1

Format	Color
Hex	80818B
RGB	128, 129, 139
RGB Percent	50%, 51%, 55%
CMY	0.4980, 0.4941, 0.4549
CMYK	0.08, 0.07, 0.00, 0.45
HSL	235°, 5%, 52%
HSV	235°, 8%, 55%
XYZ	21.4125, 22.1538, 27.5736
YIQ	129.8410, -3.8060, 2.8980

Conversions

Conversions Part 2

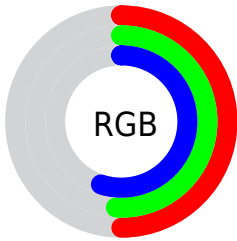
Format	Color
R_{YB}	128, 129, 139
Decimal	8421771
CIE Lab	54.19, 1.70, -5.52
CIE LCh	54, 5.772, 287.082
Yxy	22.1538, 0.3010, 0.3114
Android (android.graphics.Color)	4286611851 (0xFF80818B)
YUV	129.8410, 4.5154, -1.6146
Hunter-Lab	47.0678, -1.1639, -1.7862

Details

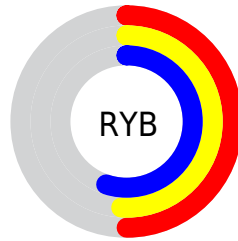
The XYZ color **21.4125, 22.1538, 27.5736** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.6321, 25.2240, 24.0455**, and the grayscale version is **21.1480, 22.2493, 24.2295**.

A 20% lighter version of the original color is **45.2984, 47.0854, 56.5701**, and **7.8963, 8.1209, 10.6025** is the 20% darker color. If you saturate the color by 10%, you get **17.9009, 18.0245, 26.9620**, and if you desaturate by 10%, it is **25.4176, 26.8441, 28.2682**.

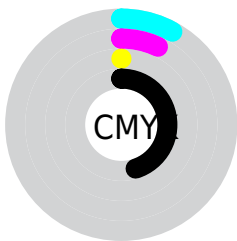
Distribution



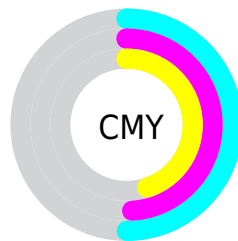
- Red (50%)
- Green (51%)
- Blue (55%)



- Red (50%)
- Yellow (51%)
- Blue (55%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (45%)



- Cyan (50%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4125, 22.1538, 27.5736 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 21.4125, 22.1538, 27.5736 by changing the saturation by 10% instead.

■ 21.4125, 22.1538,
27.5736

■ 21.4125, 22.1538,
27.5736

252.1531,
263.3484, 304.2713

■ 13.5400, 13.9700,
17.7682

■ 45.2592, 47.0001,
56.8178

■ 7.8810, 8.0998,
10.6160

■ 61.9641, 64.4313,
77.0938

■ 4.0701, 4.1589,
5.6984

■ 82.3439, 85.7137,
101.6970

■ 1.7418, 1.7628,
2.5967

106.7638,
111.2318, 131.0461

■ 0.4823, 0.4638,
0.8908

135.5894,
141.3699, 165.5595

■ 0.0000, 0.0000,
0.0000

169.1859,

176.5125, 205.6558

207.9187,
217.0438, 251.7536

■ 21.4125, 22.1538,
27.5736

■ 21.4125, 22.1538,
27.5736

■ 17.9009, 18.0245,
26.9620

■ 25.4176, 26.8441,
28.2682

■ 14.8619, 14.4326,
26.4289

■ 29.9322, 32.1125,
29.0471

■ 12.2757, 11.3567,
25.9715

■ 34.9742, 37.9788,
29.9137

■ 10.1206, 8.7731,
25.5864

■ 40.5598, 44.4608,
30.8705

■ 8.3731, 6.6561,
25.2698

■ 46.7046, 51.5760,
31.9200

■ 7.0074, 4.9778,
25.0179

■ 53.4235, 59.3407,
33.0646

■ 5.9945, 3.7071,
24.8260

■ 60.7310, 67.7709,
34.3066

■ 5.3016, 2.8090,
24.6892

■ 68.6410, 76.8821,
35.6484

■ 4.8717, 2.2331,
24.6007

■ 77.1668, 86.6891,
37.0919

Harmonies

Analogous

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



20.7882, 22.1538, 27.6446



21.4125, 22.1538, 27.5736



21.9515, 22.1538, 26.5492

Triad

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



21.4125, 22.1538, 27.5736



21.8879, 22.1538, 21.6814



19.9036, 22.1538, 23.3583

Complementary

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



21.4125, 22.1538, 27.5736



23.6321, 25.2240, 24.0455

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.



20.1862, 22.1538, 21.8470



21.4125, 22.1538, 27.5736



21.3271, 22.1538, 20.9116

Square

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



21.4125, 22.1538, 27.5736



22.2296, 22.1538, 23.1221



20.7045, 22.1538, 20.9707



19.9254, 22.1538, 25.1498

Rectangle

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



21.4125, 22.1538, 27.5736



22.1861, 22.1538, 25.4909



20.7045, 22.1538, 20.9707



19.9659, 22.1538, 22.8025

Sweetspot

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



21.4131, 22.1547, 27.5741



42.4474, 44.4808, 50.0914



22.7152, 24.8868, 27.6135



9.8032, 10.2756, 11.5461



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.



21.4131, 22.1547, 27.5741



37.4918, 38.6714, 49.2313



21.9580, 22.2406, 27.5619



4.8090, 4.9609, 6.3099



4.3386, 1.9474, 22.1929



0.0330, 0.0213, 0.1488

Inverse Universe

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



22.3295, 22.5126, 23.9385



39.3839, 39.4140, 41.7241



23.0566, 25.1418, 24.0600



5.0502, 5.0555, 5.3528



9.6767, 4.9808, 0.8019



0.0664, 0.0339, 0.0164

Previews

White Background



This preview shows how the XYZ color 21.4125, 22.1538, 27.5736 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 21.4125, 22.1538, 27.5736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

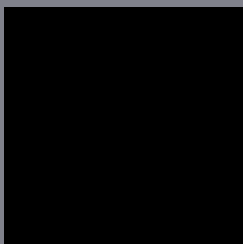
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

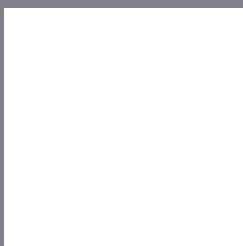
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.4125, 22.1538, 27.5736

Background



This preview shows how black text looks on a background with the XYZ color 21.4125, 22.1538, 27.5736.



This preview shows how white text looks on a background with the XYZ color 21.4125, 22.1538,

27.5736.

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

21.4125, 22.1538, 27.5736

Protanopia

21.5637, 22.2317, 27.5807

Deuteranopia

22.5110, 22.1335, 27.8967



Tritanopia

21.4125, 22.1538, 27.5736

Trichromacy



Original Color

21.4125, 22.1538, 27.5736

Protanomaly

21.5637, 22.2317, 27.5807

Deuteranomaly

22.1545, 22.1405, 27.9168

Tritanomaly

21.4125, 22.1538, 27.5736

Monochromacy



Original Color

21.4125, 22.1538, 27.5736

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.2695, 22.3258, 25.3786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4125, 22.1538, 27.5736 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(128, 129, 139) looks like.

```
.text, #text, p{  
    color:rgb(128, 129, 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(128, 129, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 129, 139) }
```

Border

The CSS property to change the border of an element to XYZ 21.4125, 22.1538, 27.5736 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(128, 129, 139) }
```


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

```
.border{ border-color:rgb(128, 129, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 129, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 129, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 129, 139);  
box-shadow:4px 4px 4px 4px rgb(128, 129,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4125, 22.1538, 27.5736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 129, 139) }
```

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

```
.background{ background-color: rgb(128,  
129, 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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