

Converting Colors

XYZ(22.0033, 22.5291, 21.1911)

Have a look what the booklet for
XYZ(22.0033, 22.5291, 21.1911)
contains.

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Color

**XYZ(22.1167, 22.6564,
21.2966)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8179
RGB	140, 129, 121
RGB Percent	55%, 51%, 47%
CMY	0.4510, 0.4941, 0.5255
CMYK	0.00, 0.08, 0.14, 0.45
HSL	25°, 8%, 51%
HSV	25°, 14%, 55%
XYZ	22.1167, 22.6564, 21.2966
YIQ	131.3770, 9.1240, -0.1560

Conversions

Conversions Part 2

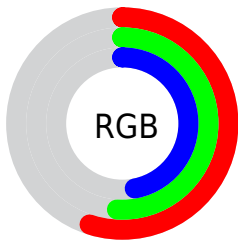
Format	Color
R_{YB}	140, 135, 121
Decimal	9208185
CIE Lab	54.72, 2.72, 5.83
CIE LCh	55, 6.435, 64.958
Yxy	22.6564, 0.3347, 0.3429
Android (android.graphics.Color)	4287398265 (0xFF8C8179)
YUV	131.3770, -5.1159, 7.5624
Hunter-Lab	47.5987, -0.3580, 6.7916

Details

The XYZ color **22.1167, 22.6564, 21.2966** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.8701, 22.4607, 28.0467**, and the grayscale version is **21.7242, 22.8555, 24.8897**.

A 20% lighter version of the original color is **46.5189, 47.9424, 46.3372**, and **8.2877, 8.3920, 7.4863** is the 20% darker color. If you saturate the color by 10%, you get **20.2944, 20.2874, 16.7564**, and if you desaturate by 10%, it is **24.1495, 25.2466, 26.5223**.

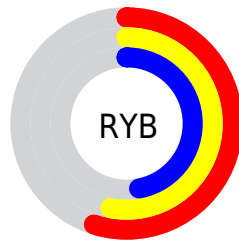
Distribution



Red (55%)

Green (51%)

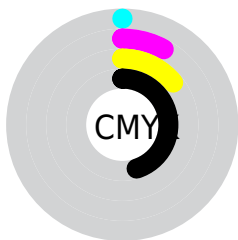
Blue (47%)



Red (55%)

Yellow (53%)

Blue (47%)

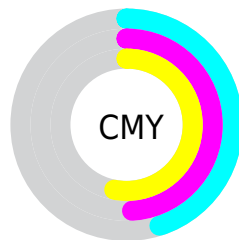


Cyan (0%)

Magenta (8%)

Yellow (14%)

Black (45%)



Cyan (45%)

Magenta (49%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1167, 22.6564, 21.2966 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 22.1167, 22.6564, 21.2966 by changing the saturation by 10% instead.

■ 22.1167, 22.6564,
21.2966

■ 22.1167, 22.6564,
21.2966

255.7760,
265.9553, 271.6832

■ 14.0598, 14.3400,
13.1476

■ 46.4162, 47.8285,
46.4678

■ 8.2442, 8.3575,
7.3984

■ 63.3895, 65.4530,
64.3271

■ 4.3047, 4.3246,
3.6303

■ 84.0656, 86.9490,
86.2603

■ 1.8759, 1.8567,
1.4248

108.8099,
112.7009, 112.6859

■ 0.5628, 0.5222,
0.1609

137.9877,
143.0931, 144.0225

■ 0.0000, 0.0000,
0.0000

171.9645,

178.5099, 180.6885

211.1054,
219.3359, 223.1026

■ 22.1167, 22.6564,
21.2966

■ 22.1167, 22.6564,
21.2966

■ 20.2944, 20.2874,
16.7564

■ 24.1495, 25.2466,
26.5223

■ 18.6736, 18.1306,
12.8715

■ 26.3979, 28.0607,
32.4592

■ 17.2470, 16.1806,
9.6114

■ 28.8691, 31.1054,
39.1333

■ 16.0063, 14.4307,
6.9429

■ 31.5694, 34.3860,
46.5690

■ 14.9426, 12.8739,
4.8294

■ 34.5047, 37.9076,
54.7894

■ 14.0460, 11.5024,
3.2302

■ 37.6809, 41.6752,
63.8167

■ 13.3054, 10.3081,
2.0990

■ 41.1036, 45.6938,
73.6724

■ 12.7079, 9.2817,
1.3802

■ 44.7782, 49.9679,
84.3768

■ 12.3775, 8.6998,
1.0269

■ 48.7097, 54.5022,
95.9499

Harmonies

Analogous

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



22.6715, 22.6564, 22.4979



22.1167, 22.6564, 21.2966



21.4166, 22.6564, 20.9786

Triad

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



22.1167, 22.6564, 21.2966



20.2038, 22.6564, 25.0081



22.3252, 22.6564, 28.0107

Complementary

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



22.1167, 22.6564, 21.2966



20.8701, 22.4607, 28.0467

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.



21.6523, 22.6564, 28.7686



22.1167, 22.6564, 21.2966



20.4357, 22.6564, 26.9754

Square

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



22.1167, 22.6564, 21.2966



20.3220, 22.6564, 23.0523



20.9621, 22.6564, 28.3798



22.7937, 22.6564, 26.3595

Rectangle

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



22.1167, 22.6564, 21.2966



20.9638, 22.6564, 21.2944



20.9621, 22.6564, 28.3798



22.1149, 22.6564, 28.3824

Sweetspot

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



22.1173, 22.6574, 21.2971



42.3832, 44.2666, 46.2568



21.8235, 20.9188, 24.7476



9.7069, 10.1252, 10.5046



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.



22.1173, 22.6574, 21.2971



38.0681, 38.7516, 35.2144



23.4152, 25.2531, 21.7297



5.1947, 5.3722, 5.3155



11.0166, 7.7676, 0.9187



0.0872, 0.0795, 0.0108

Inverse Universe

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



20.8701, 22.4607, 28.0467



35.4699, 38.3415, 49.2742



19.6505, 20.0215, 27.6402



4.9992, 5.3414, 6.3734



6.8427, 6.9556, 23.0276



0.0600, 0.0753, 0.1578

Previews

White Background



This preview shows how the XYZ color 22.1167, 22.6564, 21.2966 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 22.1167, 22.6564, 21.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

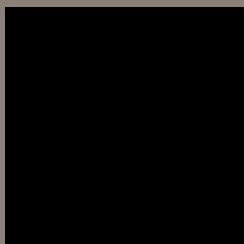
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.1167, 22.6564, 21.2966

Background



This preview shows how black text looks on a background with the XYZ color 22.1167, 22.6564, 21.2966.

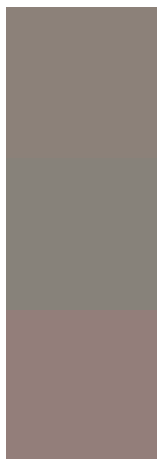


This preview shows how white text looks on a background with the XYZ color 22.1167, 22.6564,

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

22.1167, 22.6564, 21.2966

Protanopia

21.4872, 22.5213, 21.6269

Deuteranopia

23.0063, 22.5299, 21.5485



Tritanopia

23.2601, 22.7357, 26.8294

Trichromacy



Original Color

22.1167, 22.6564, 21.2966

Protanomaly

21.8120, 22.6888, 21.6421

Deuteranomaly

22.6038, 22.5132, 21.5665

Tritanomaly

22.8004, 22.7398, 24.6602

Monochromacy



Original Color

22.1167, 22.6564, 21.2966

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.6449, 22.5659, 23.2935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1167, 22.6564, 21.2966 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(140, 129, 121)` looks like.

```
.text, #text, p{  
    color:rgb(140, 129, 121)  
}
```

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(140, 129, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 129, 121) }
```

Border

The CSS property to change the border of an element to XYZ 22.1167, 22.6564, 21.2966 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(140, 129, 121) }
```


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

```
.border{ border-color:rgb(140, 129, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 129, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 129, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 129, 121);  
box-shadow:4px 4px 4px 4px rgb(140, 129,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1167, 22.6564, 21.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 129, 121) }
```

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

```
.background{ background-color: rgb(140,  
129, 121) }
```

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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