

Converting Colors

XYZ(21.8833, 22.6387, 25.8277)

Have a look what the booklet for
XYZ(21.8833, 22.6387, 25.8277)
contains.

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Color

**XYZ(21.8014, 22.5920,
25.7659)**

Conversions

Conversions Part 1

Format	Color
Hex	848286
RGB	132, 130, 134
RGB Percent	52%, 51%, 53%
CMY	0.4823, 0.4902, 0.4745
CMYK	0.01, 0.03, 0.00, 0.47
HSL	270°, 2%, 52%
HSV	270°, 3%, 53%
XYZ	21.8014, 22.5920, 25.7659
YIQ	131.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

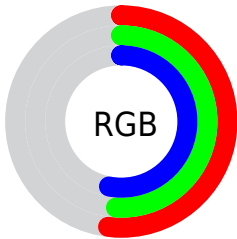
Format	Color
R_{YB}	132, 130, 134
Decimal	8684166
CIE _{Lab}	54.65, 1.54, -1.90
CIE _{LCh}	55, 2.446, 309.157
Yxy	22.5920, 0.3107, 0.3220
Android (android.graphics.Color)	4286874246 (0xFF848286)
YUV	131.0540, 1.4524, 0.8296
Hunter-Lab	47.5310, -1.3055, 1.1315

Details

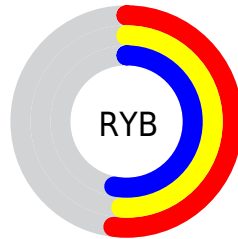
The XYZ color **21.8014, 22.5920, 25.7659** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.0709, 23.5681, 24.5060**, and the grayscale version is **21.5882, 22.7125, 24.7339**.

A 20% lighter version of the original color is **45.9107, 47.7691, 53.8143**, and **8.1099, 8.3640, 9.5745** is the 20% darker color. If you saturate the color by 10%, you get **19.1191, 18.7339, 25.1629**, and if you desaturate by 10%, it is **24.7845, 26.9511, 26.4504**.

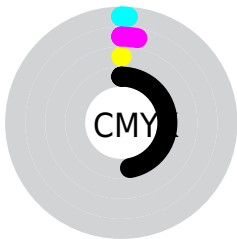
Distribution



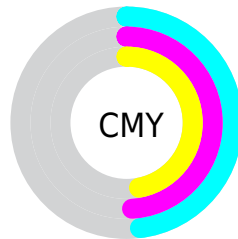
- Red (52%)
- Green (51%)
- Blue (53%)



- Red (52%)
- Yellow (51%)
- Blue (53%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (47%)



- Cyan (48%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8014, 22.5920, 25.7659 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 21.8014, 22.5920, 25.7659 by changing the saturation by 10% instead.

■ 21.8014, 22.5920,
25.7659

■ 21.8014, 22.5920,
25.7659

254.1593,
265.6224, 295.1998

■ 13.8268, 14.2925,
16.4244

■ 45.8988, 47.7225,
53.8765

■ 8.0812, 8.3244,
9.6674

■ 62.7524, 65.3224,
73.4826

■ 4.1992, 4.3032,
5.0763

■ 83.2964, 86.7911,
97.3474

■ 1.8154, 1.8446,
2.2326

107.8961,
112.5132, 125.8894

■ 0.5269, 0.5147,
0.6931

136.9168,
142.8730, 159.5271

■ 0.0000, 0.0000,
0.0000

170.7241,

178.2548, 198.6790

209.6831,
219.0432, 243.7638

■ 21.8014, 22.5920,
25.7659

■ 21.8014, 22.5920,
25.7659

■ 19.1191, 18.7339,
25.1629

■ 24.7845, 26.9511,
26.4504

■ 16.7255, 15.3553,
24.6370

■ 28.0762, 31.8257,
27.2178

■ 14.6106, 12.4378,
24.1853

■ 31.6862, 37.2334,
28.0713

■ 12.7627, 9.9602,
23.8045

■ 35.6234, 43.1901,
29.0136

■ 11.1697, 7.9000,
23.4907

■ 39.8961, 49.7109,
30.0470

■ 9.8181, 6.2324,
23.2401

■ 44.5125, 56.8104,
31.1740

■ 8.6929, 4.9299,
23.0480

■ 49.4804, 64.5026,
32.3970

■ 7.7777, 3.9615,
22.9093

■ 54.8075, 72.8012,
33.7180

■ 7.0526, 3.2902,
22.8180

■ 60.5009, 81.7193,
35.1393

Harmonies

Analogous

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



21.5555, 22.5920, 26.0910



21.8014, 22.5920, 25.7659



21.9602, 22.5920, 25.1299

Triad

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



21.8014, 22.5920, 25.7659



21.6577, 22.5920, 23.2398



20.9662, 22.5920, 24.8354

Complementary

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



21.8014, 22.5920, 25.7659



22.0709, 23.5681, 24.5060

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.



20.9931, 22.5920, 24.0753



21.8014, 22.5920, 25.7659



21.3908, 22.5920, 23.1647

Square

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



21.8014, 22.5920, 25.7659



21.8767, 22.5920, 23.6750



21.1480, 22.5920, 23.4676



21.0743, 22.5920, 25.5465

Rectangle

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



21.8014, 22.5920, 25.7659



21.9946, 22.5920, 24.6207



21.1480, 22.5920, 23.4676



20.9598, 22.5920, 24.5770

Sweetspot

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



21.8020, 22.5930, 25.7664



39.4010, 41.2417, 45.6222



21.7701, 22.9885, 25.8444



8.8848, 9.3033, 10.2801



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.8020, 22.5930, 25.7664



37.8647, 39.0123, 45.2728



22.1072, 22.7503, 25.7807



4.9252, 5.0619, 5.9182



6.2116, 2.7363, 21.3375



0.0299, 0.0138, 0.0743

Inverse Universe

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



21.9798, 22.7006, 25.0542



38.2924, 39.2711, 43.5594



21.7713, 23.4136, 24.4920



4.9875, 5.0996, 5.6685



10.1696, 5.1322, 5.4656



0.0389, 0.0193, 0.0383

Previews

White Background



This preview shows how the XYZ color 21.8014, 22.5920, 25.7659 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 21.8014, 22.5920, 25.7659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

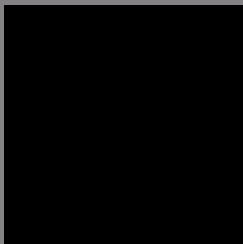
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

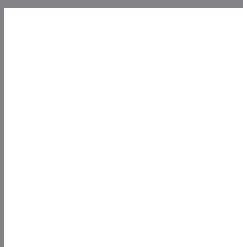
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.8014, 22.5920, 25.7659

Background



This preview shows how black text looks on a background with the XYZ color 21.8014, 22.5920, 25.7659.



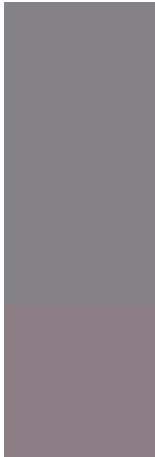
This preview shows how white text looks on a background with the XYZ color 21.8014, 22.5920,

25.7659.

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

21.8014, 22.5920, 25.7659

Protanopia

21.8014, 22.5920, 25.7659

Deuteranopia

23.1179, 22.6788, 26.0807



Tritanopia

22.1833, 22.5511, 27.6097

Trichromacy

**Original Color**

21.8014, 22.5920, 25.7659

Protanomaly

21.8014, 22.5920, 25.7659

Deuteranomaly

22.5736, 22.5909, 26.0924

Tritanomaly

22.0385, 22.4932, 26.8470

Monochromacy

**Original Color**

21.8014, 22.5920, 25.7659

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.6412, 22.7238, 25.0753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8014, 22.5920, 25.7659 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(132, 130, 134)` looks like.

```
.text, #text, p{  
    color:rgb(132, 130, 134)  
}
```

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(132, 130, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 130, 134) }
```

Border

The CSS property to change the border of an element to XYZ 21.8014, 22.5920, 25.7659 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(132, 130, 134) }
```


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

```
.border{ border-color:rgb(132, 130, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 130, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 130, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 130, 134);  
box-shadow:4px 4px 4px 4px rgb(132, 130,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8014, 22.5920, 25.7659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 130, 134) }
```

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

```
.background{ background-color: rgb(132,  
130, 134) }
```

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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