

Converting Colors

XYZ(21.3803, 22.3759, 25.2378)

Have a look what the booklet for
XYZ(21.3803, 22.3759, 25.2378)
contains.

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Color

**XYZ(21.4222, 22.4045,
25.3857)**

Conversions

Conversions Part 1

Format	Color
Hex	828285
RGB	130, 130, 133
RGB Percent	51%, 51%, 52%
CMY	0.4902, 0.4902, 0.4784
CMYK	0.02, 0.02, 0.00, 0.48
HSL	240°, 1%, 52%
HSV	240°, 2%, 52%
XYZ	21.4222, 22.4045, 25.3857
YIQ	130.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

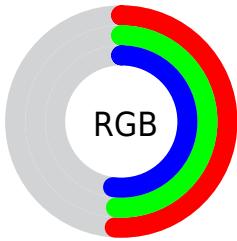
Format	Color
R_{YB}	130, 130, 133
Decimal	8553093
CIE _{Lab}	54.45, 0.60, -1.62
CIE _{LCh}	54, 1.732, 290.423
Yxy	22.4045, 0.3095, 0.3237
Android (android.graphics.Color)	4286743173 (0xFF828285)
YUV	130.3420, 1.3104, -0.2999
Hunter-Lab	47.3334, -2.0477, 1.3351

Details

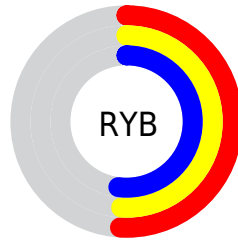
The XYZ color **21.4222, 22.4045, 25.3857** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.0898, 23.3732, 24.4668**, and the grayscale version is **21.3355, 22.4466, 24.4443**.

A 20% lighter version of the original color is **45.3249, 47.4794, 53.2299**, and **7.9360, 8.2743, 9.5663** is the 20% darker color. If you saturate the color by 10%, you get **17.8573, 18.1099, 24.7450**, and if you desaturate by 10%, it is **25.4805, 27.2938, 26.1159**.

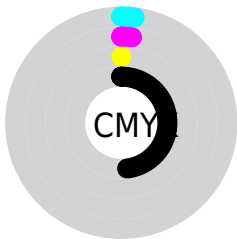
Distribution



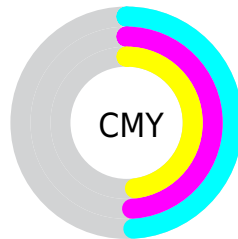
- Red (51%)
- Green (51%)
- Blue (52%)



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



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (48%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4222, 22.4045, 25.3857 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 21.4222, 22.4045, 25.3857 by changing the saturation by 10% instead.

■ 21.4222, 22.4045,
25.3857

■ 21.4222, 22.4045,
25.3857

252.2033,
264.6515, 293.2623

■ 13.5472, 14.1544,
16.1430

■ 45.2751, 47.4136,
53.2541

■ 7.8860, 8.2281,
9.4700

■ 61.9838, 64.9415,
72.7169

■ 4.0733, 4.2413,
4.9480

■ 82.3677, 86.3307,
96.4235

■ 1.7437, 1.8094,
2.1586

106.7922,
111.9657, 124.7924

■ 0.4834, 0.4930,
0.6503

135.6226,
142.2309, 158.2422

■ 0.0000, 0.0000,
0.0000

169.2244,

177.5107, 197.1915

207.9628,
218.1894, 242.0586

■ 21.4222, 22.4045,
25.3857

■ 21.4222, 22.4045,
25.3857

■ 17.8573, 18.1099,
24.7450

■ 25.4805, 27.2938,
26.1159

■ 14.7652, 14.3846,
24.1889

■ 30.0481, 32.7964,
26.9372

■ 12.1267, 11.2056,
23.7144

■ 35.1424, 38.9334,
27.8533

■ 9.9204, 8.5473,
23.3175

■ 40.7794, 45.7241,
28.8669

■ 8.1233, 6.3819,
22.9943

■ 46.9746, 53.1871,
29.9809

■ 6.7102, 4.6791,
22.7401

■ 53.7427, 61.3402,
31.1979

■ 5.6532, 3.4053,
22.5499

■ 61.0980, 70.2005,
32.5205

■ 4.9207, 2.5222,
22.4181

■ 69.0540, 79.7845,
33.9510

■ 4.4752, 1.9851,
22.3379

■ 77.6242, 90.1082,
35.4920

Harmonies

Analogous

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



21.2342, 22.4045, 25.4382



21.4222, 22.4045, 25.3857



21.5769, 22.4045, 25.0656

Triad

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



21.4222, 22.4045, 25.3857



21.5278, 22.4045, 23.5992



20.9375, 22.4045, 24.2215

Complementary

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



21.4222, 22.4045, 25.3857



22.0898, 23.3732, 24.4668

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.



21.0152, 22.4045, 23.7359



21.4222, 22.4045, 25.3857



21.3555, 22.4045, 23.3802

Square

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



21.4222, 22.4045, 25.3857



21.6381, 22.4045, 24.0324



21.1679, 22.4045, 23.4298



20.9552, 22.4045, 24.7606

Rectangle

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



21.4222, 22.4045, 25.3857



21.6399, 22.4045, 24.7460



21.1679, 22.4045, 23.4298



20.9534, 22.4045, 24.0467

Sweetspot

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



21.4228, 22.4055, 25.3862



39.2109, 41.1440, 45.6134



21.8240, 23.2133, 25.5029



8.8450, 9.2828, 10.2783



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.



21.4228, 22.4055, 25.3862



37.8120, 39.4587, 45.3618



21.6466, 22.5205, 25.3966



4.8975, 5.1025, 5.9275



4.0334, 1.6146, 21.2358



0.0140, 0.0056, 0.0736

Inverse Universe

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



21.6853, 22.5640, 24.3325



38.4480, 39.8430, 42.8080



21.8627, 23.2564, 24.4562



4.9961, 5.1621, 5.5314



9.2140, 4.7499, 0.4333



0.0319, 0.0165, 0.0015

Previews

White Background



This preview shows how the XYZ color 21.4222, 22.4045, 25.3857 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 21.4222, 22.4045, 25.3857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

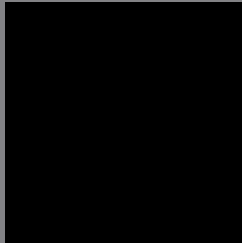
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

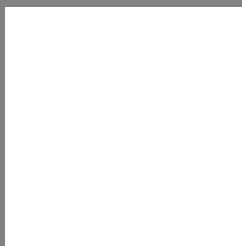
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.4222, 22.4045, 25.3857

Background



This preview shows how black text looks on a background with the XYZ color 21.4222, 22.4045, 25.3857.



This preview shows how white text looks on a background with the XYZ color 21.4222, 22.4045,

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

21.4222, 22.4045, 25.3857

Protanopia

21.5996, 22.2995, 25.3561

Deuteranopia

22.7484, 22.3057, 25.6607



Tritanopia

21.8705, 22.3899, 27.5951

Trichromacy



Original Color

21.4222, 22.4045, 25.3857

Protanomaly

21.4440, 22.2193, 25.3488

Deuteranomaly

22.2090, 22.2183, 25.6723

Tritanomaly

21.7257, 22.3320, 26.8323

Monochromacy



Original Color

21.4222, 22.4045, 25.3857

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.2853, 22.3498, 24.6648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4222, 22.4045, 25.3857 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(130, 130, 133)` looks like.

```
.text, #text, p{  
    color:rgb(130, 130, 133)  
}
```

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(130, 130, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 130, 133) }
```

Border

The CSS property to change the border of an element to XYZ 21.4222, 22.4045, 25.3857 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(130, 130, 133) }
```


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

```
.border{ border-color:rgb(130, 130, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 130, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 130, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 130, 133);  
box-shadow:4px 4px 4px 4px rgb(130, 130,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4222, 22.4045, 25.3857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 130, 133) }
```

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

```
.background{ background-color: rgb(130,  
130, 133) }
```

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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