

Converting Colors

XYZ(21.6307, 23.2851, 25.8638)

Have a look what the booklet for
XYZ(21.6307, 23.2851, 25.8638)
contains.

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Color

**XYZ(21.7303, 23.3606,
25.9180)**

Conversions

Conversions Part 1

Format	Color
Hex	808686
RGB	128, 134, 134
RGB Percent	50%, 53%, 53%
CMY	0.4980, 0.4745, 0.4745
CMYK	0.04, 0.00, 0.00, 0.47
HSL	180°, 2%, 51%
HSV	180°, 4%, 53%
XYZ	21.7303, 23.3606, 25.9180
YIQ	132.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

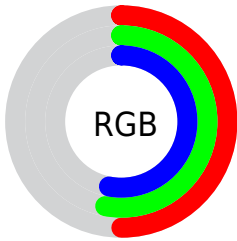
Format	Color
R_{YB}	128, 131, 134
Decimal	8423046
CIE _{Lab}	55.44, -2.20, -0.77
CIE _{LCh}	55, 2.335, 199.345
Yxy	23.3606, 0.3060, 0.3290
Android (android.graphics.Color)	4286613126 (0xFF808686)
YUV	132.2060, 0.8844, -3.6887
Hunter-Lab	48.3328, -4.3293, 2.0393

Details

The XYZ color **21.7303, 23.3606, 25.9180** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.4479, 22.0659, 23.5520**, and the grayscale version is **22.0048, 23.1508, 25.2112**.

A 20% lighter version of the original color is **45.7960, 48.9523, 54.0487**, and **7.9950, 8.6430, 9.6344** is the 20% darker color. If you saturate the color by 10%, you get **19.8462, 22.3900, 25.8287**, and if you desaturate by 10%, it is **23.8819, 24.4704, 26.0208**.

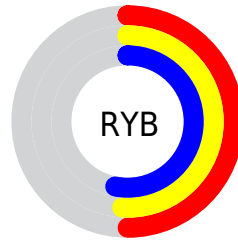
Distribution



Red (50%)

Green (53%)

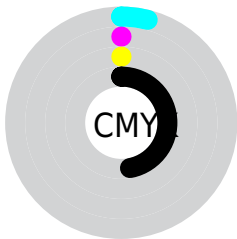
Blue (53%)



Red (50%)

Yellow (51%)

Blue (53%)

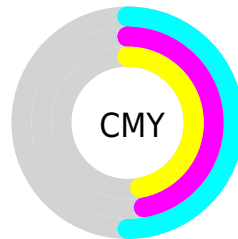


Cyan (4%)

Magenta (0%)

Yellow (0%)

Black (47%)



Cyan (50%)

Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7303, 23.3606, 25.9180 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 21.7303, 23.3606, 25.9180 by changing the saturation by 10% instead.

■ 21.7303, 23.3606,
25.9180

■ 21.7303, 23.3606,
25.9180

253.7935,
269.5717, 295.9720

■ 13.7744, 14.8600,
16.5371

■ 45.7820, 48.9848,
54.1251

■ 8.0445, 8.7212,
9.7465

■ 62.6085, 66.8771,
73.7884

■ 4.1755, 4.5598,
5.1278

■ 83.1225, 88.6688,
97.7161

■ 1.8019, 1.9914,
2.2624

107.6895,
114.7443, 126.3270

■ 0.5188, 0.6024,
0.7100

136.6747,
145.4879, 160.0395

■ 0.0000, 0.0000,
0.0000

170.4435,

181.2841, 199.2721

209.3614,
222.5173, 244.4434

■ 21.7303, 23.3606,
25.9180

■ 21.7303, 23.3606,
25.9180

■ 19.8462, 22.3900,
25.8287

■ 23.8819, 24.4704,
26.0208

■ 18.2174, 21.5503,
25.7508

■ 26.3089, 25.7215,
26.1360

■ 16.8334, 20.8369,
25.6844

■ 29.0212, 27.1197,
26.2646

■ 15.6824, 20.2436,
25.6289

■ 32.0276, 28.6696,
26.4070

■ 14.7515, 19.7638,
25.5837

■ 35.3367, 30.3754,
26.5635

■ 14.0269, 19.3902,
25.5481

■ 38.9565, 32.2415,
26.7345

■ 13.4927, 19.1149,
25.5215

■ 42.8949, 34.2718,
26.9205

■ 13.1312, 18.9285,
25.5029

■ 47.1595, 36.4702,
27.1217

■ 12.9184, 18.8189,
25.4913

■ 51.7575, 38.8405,
27.3385

Harmonies

Analogous

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



21.7108, 23.3606, 25.1692



21.7303, 23.3606, 25.9180



21.8761, 23.3606, 26.5492

Triad

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



21.7303, 23.3606, 25.9180



22.5890, 23.3606, 26.3900



22.2971, 23.3606, 24.0402

Complementary

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



21.7303, 23.3606, 25.9180



21.4479, 22.0659, 23.5520

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.



22.5343, 23.3606, 24.3538



21.7303, 23.3606, 25.9180



22.7037, 23.3606, 25.7042

Square

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



21.7303, 23.3606, 25.9180



22.3713, 23.3606, 26.8254



22.6836, 23.3606, 24.9595



22.0366, 23.3606, 24.0949

Rectangle

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



21.7303, 23.3606, 25.9180



22.0258, 23.3606, 26.8137



22.6836, 23.3606, 24.9595



22.3822, 23.3606, 24.1058

Sweetspot

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



21.7310, 23.3616, 25.9185



39.5420, 41.8063, 45.7234



21.3393, 23.2066, 23.7772



8.9144, 9.4216, 10.3014



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.



21.7310, 23.3616, 25.9185



38.0627, 41.0437, 45.6530



21.3356, 22.5707, 25.7874



4.9648, 5.3630, 5.9740



12.0190, 17.5904, 23.8831



0.0416, 0.0609, 0.0828

Inverse Universe

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



21.4479, 22.0659, 23.5520



37.4959, 38.4498, 40.9153



21.8315, 22.8335, 23.6792



4.8856, 5.0004, 5.3118



9.2138, 4.7499, 0.4325



0.0319, 0.0165, 0.0015

Previews

White Background



This preview shows how the XYZ color 21.7303, 23.3606, 25.9180 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 21.7303, 23.3606, 25.9180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

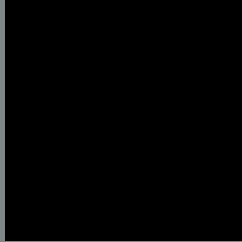
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

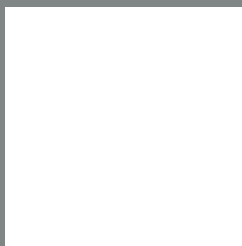
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.7303, 23.3606, 25.9180

Background



This preview shows how black text looks on a background with the XYZ color 21.7303, 23.3606, 25.9180.



This preview shows how white text looks on a background with the XYZ color 21.7303, 23.3606,

25.9180.

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

21.7303, 23.3606, 25.9180

Protanopia

22.4766, 23.3469, 25.5121

Deuteranopia

23.7250, 23.3791, 26.1838



Tritanopia

22.3987, 23.4254, 29.3276

Trichromacy



Original Color

21.7303, 23.3606, 25.9180

Protanomaly

22.1369, 23.3740, 25.5352

Deuteranomaly

22.9707, 23.3851, 26.2248

Tritanomaly

22.1744, 23.3356, 28.1465

Monochromacy



Original Color

21.7303, 23.3606, 25.9180

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.9812, 23.2938, 25.5279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7303, 23.3606, 25.9180 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, 134, 134)` looks like.

```
.text, #text, p{  
    color:rgb(128, 134, 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(128, 134, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 134, 134) }
```

Border

The CSS property to change the border of an element to XYZ 21.7303, 23.3606, 25.9180 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, 134, 134) }
```


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

```
.border{ border-color:rgb(128, 134, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 134, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 134, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 134, 134);  
box-shadow:4px 4px 4px 4px rgb(128, 134,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7303, 23.3606, 25.9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 134, 134) }
```

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

```
.background{ background-color: rgb(128,  
134, 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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