

Converting Colors

XYZ(20.6371, 21.7783, 25.1616)

Have a look what the booklet for
XYZ(20.6371, 21.7783, 25.1616)
contains.

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Color

**XYZ(20.6881, 21.8296,
25.3135)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8185
RGB	126, 129, 133
RGB Percent	49%, 51%, 52%
CMY	0.5059, 0.4941, 0.4784
CMYK	0.05, 0.03, 0.00, 0.48
HSL	214°, 3%, 51%
HSV	214°, 5%, 52%
XYZ	20.6881, 21.8296, 25.3135
YIQ	128.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

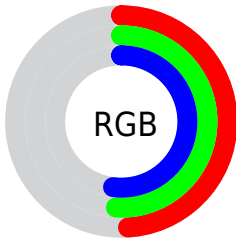
Format	Color
R_{YB}	126, 128, 133
Decimal	8290693
CIE _{Lab}	53.85, -0.29, -2.55
CIE _{LCh}	54, 2.571, 263.482
Yxy	21.8296, 0.3050, 0.3218
Android (android.graphics.Color)	4286480773 (0xFF7E8185)
YUV	128.5590, 2.1894, -2.2442
Hunter-Lab	46.7222, -2.7258, 0.5829

Details

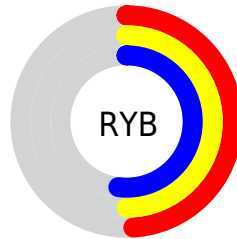
The XYZ color **20.6881, 21.8296, 25.3135** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.4215, 22.4580, 22.9448**, and the grayscale version is **20.7061, 21.7844, 23.7232**.

A 20% lighter version of the original color is **44.1813, 46.5848, 53.1175**, and **7.5295, 7.9552, 9.5262** is the 20% darker color. If you saturate the color by 10%, you get **17.8923, 18.9583, 24.9070**, and if you desaturate by 10%, it is **23.8203, 24.9860, 25.7580**.

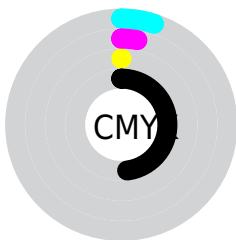
Distribution



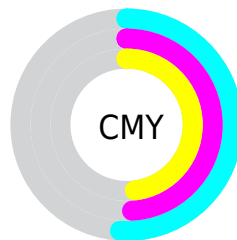
- Red (49%)
- Green (51%)
- Blue (52%)



- Red (49%)
- Yellow (50%)
- Blue (52%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (48%)



- Cyan (51%)
- Magenta (49%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6881, 21.8296, 25.3135 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 20.6881, 21.8296, 25.3135 by changing the saturation by 10% instead.

■ 20.6881, 21.8296,
25.3135

■ 20.6881, 21.8296,
25.3135

248.3794,
261.6551, 292.8931

■ 13.0074, 13.7317,
16.0896

■ 44.0631, 46.4642,
53.1358

■ 7.5107, 7.9343,
9.4326

■ 60.4880, 63.7697,
72.5713

■ 3.8326, 4.0530,
4.9237

■ 80.5584, 84.9133,
96.2477

■ 1.6079, 1.7032,
2.1446

104.6396,
110.2793, 124.5836

■ 0.3975, 0.4257,
0.6421

133.0969,
140.2520, 157.9976

■ 0.0000, 0.0000,
0.0000

166.2958,

175.2160, 196.9081

204.6015,
215.5556, 241.7338

■ 20.6881, 21.8296,
25.3135

■ 20.6881, 21.8296,
25.3135

■ 17.8923, 18.9583,
24.9070

■ 23.8203, 24.9860,
25.7580

■ 15.4192, 16.3608,
24.5359

■ 27.2983, 28.4328,
26.2400

■ 13.2569, 14.0291,
24.1998

■ 31.1334, 32.1787,
26.7609

■ 11.3921, 11.9537,
23.8976

■ 35.3357, 36.2311,
27.3216

■ 9.8102, 10.1246,
23.6279

■ 39.9150, 40.5971,
27.9230

■ 8.4954, 8.5309,
23.3896

■ 44.8807, 45.2837,
28.5658

■ 7.4305, 7.1607,
23.1812

■ 50.2419, 50.2975,
29.2510

■ 6.5954, 6.0006,
23.0013

■ 56.0073, 55.6451,
29.9793

■ 5.9620, 5.0331,
22.8479

■ 62.1854, 61.3326,
30.7515

Harmonies

Analogous

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



20.4337, 21.8296, 25.0133



20.6881, 21.8296, 25.3135



20.9609, 21.8296, 25.1925

Triad

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



20.6881, 21.8296, 25.3135



21.2397, 21.8296, 23.1673



20.3241, 21.8296, 22.8743

Complementary

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



20.6881, 21.8296, 25.3135



21.4215, 22.4580, 22.9448

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.



20.5373, 21.8296, 22.3996



20.6881, 21.8296, 25.3135



21.0663, 21.8296, 22.5662

Square

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



20.6881, 21.8296, 25.3135



21.2810, 21.8296, 23.9419



20.8088, 21.8296, 22.2881



20.2247, 21.8296, 23.5963

Rectangle

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



20.6881, 21.8296, 25.3135



21.1163, 21.8296, 24.8905



20.8088, 21.8296, 22.2881



20.3848, 21.8296, 22.6812

Sweetspot

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



20.6887, 21.8305, 25.3140



38.7867, 40.8556, 45.5800



21.0191, 22.8219, 24.4050



8.7559, 9.2222, 10.2713



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.



20.6887, 21.8305, 25.3140



36.5878, 38.6243, 45.2652



20.3680, 21.0867, 25.1873



4.7712, 5.0374, 5.9216



5.4359, 4.4195, 21.7032



0.0258, 0.0293, 0.0775

Inverse Universe

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



21.0967, 21.4937, 23.8068



37.4361, 37.9299, 42.1297



21.7531, 23.2305, 23.0765



4.8866, 4.9432, 5.4949



9.9219, 5.0331, 4.1610



0.0379, 0.0189, 0.0330

Previews

White Background



This preview shows how the XYZ color 20.6881, 21.8296, 25.3135 looks on a white background.

Color Contrast Check

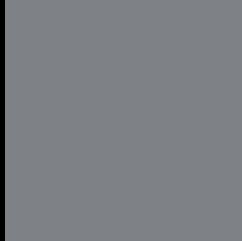
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6881, 21.8296, 25.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

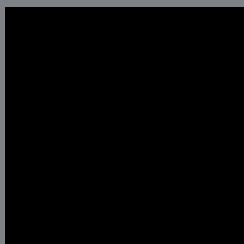
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

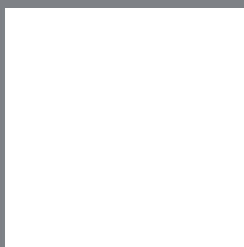
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.6881, 21.8296, 25.3135

Background



This preview shows how black text looks on a background with the XYZ color 20.6881, 21.8296, 25.3135.



This preview shows how white text looks on a background with the XYZ color 20.6881, 21.8296,

25.3135.

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

20.6881, 21.8296, 25.3135

Protanopia

21.0900, 21.8501, 24.9357

Deuteranopia

22.2842, 21.8774, 25.6025



Tritanopia

21.0590, 21.7853, 27.1398

Trichromacy



Original Color

20.6881, 21.8296, 25.3135

Protanomaly

20.9373, 21.7714, 24.9286

Deuteranomaly

21.5954, 21.7113, 25.6067

Tritanomaly

20.9155, 21.7279, 26.3841

Monochromacy



Original Color

20.6881, 21.8296, 25.3135

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.7816, 21.9014, 24.2512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6881, 21.8296, 25.3135 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(126, 129, 133)` looks like.

```
.text, #text, p{  
    color:rgb(126, 129, 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(126, 129, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 129, 133) }
```

Border

The CSS property to change the border of an element to XYZ 20.6881, 21.8296, 25.3135 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(126, 129, 133) }
```


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

```
.border{ border-color:rgb(126, 129, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 129, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 129, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 129, 133); box-shadow:4px 4px 4px 4px rgb(126, 129, 133) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6881, 21.8296, 25.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 129, 133) }
```

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

```
.background{ background-color: rgb(126,  
129, 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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