

Converting Colors

XYZ(20.5591, 20.8729, 25.9224)

Have a look what the booklet for
XYZ(20.5591, 20.8729, 25.9224)
contains.

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Color

**XYZ(20.4829, 20.7538,
25.8480)**

Conversions

Conversions Part 1

Format	Color
Hex	807C87
RGB	128, 124, 135
RGB Percent	50%, 49%, 53%
CMY	0.4980, 0.5137, 0.4706
CMYK	0.05, 0.08, 0.00, 0.47
HSL	262°, 4%, 51%
HSV	262°, 8%, 53%
XYZ	20.4829, 20.7538, 25.8480
YIQ	126.4500, -1.1470, 4.2690

Conversions

Conversions Part 2

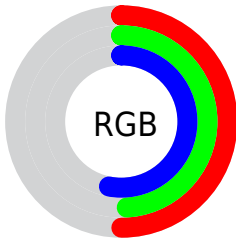
Format	Color
R_{YB}	128, 124, 135
Decimal	8420487
CIE Lab	52.68, 3.74, -5.43
CIE LCh	53, 6.589, 304.577
Yxy	20.7538, 0.3053, 0.3094
Android (android.graphics.Color)	4286610567 (0xFF807C87)
YUV	126.4500, 4.2151, 1.3593
Hunter-Lab	45.5563, 0.5330, -1.7508

Details

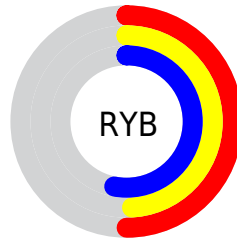
The XYZ color **20.4829, 20.7538, 25.8480** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.6630, 23.6091, 22.4851**, and the grayscale version is **19.9714, 21.0114, 22.8814**.

A 20% lighter version of the original color is **43.6585, 44.5053, 53.8663**, and **7.3802, 7.3503, 9.6241** is the 20% darker color. If you saturate the color by 10%, you get **17.6675, 16.9609, 25.2646**, and if you desaturate by 10%, it is **23.6407, 25.0682, 26.5146**.

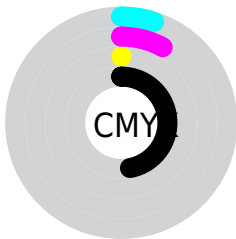
Distribution



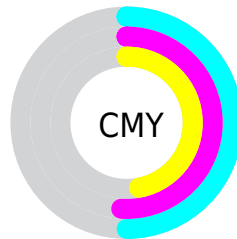
- Red (50%)
- Green (49%)
- Blue (53%)



- Red (50%)
- Yellow (49%)
- Blue (53%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (47%)



- Cyan (50%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4829, 20.7538, 25.8480 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 20.4829, 20.7538, 25.8480 by changing the saturation by 10% instead.

■ 20.4829, 20.7538,
25.8480

■ 20.4829, 20.7538,
25.8480

247.3015,
255.9672, 295.6168

■ 12.8568, 12.9442,
16.4852

■ 43.7231, 44.6774,
54.0107

■ 7.4064, 7.3901,
9.7101

■ 60.0680, 61.5602,
73.6477

■ 3.7661, 3.7072,
5.1041

■ 80.0499, 82.2361,
97.5465

■ 1.5707, 1.5112,
2.2487

104.0341,
107.0896, 126.1257

■ 0.3732, 0.2966,
0.7022

132.3860,
136.5051, 159.8038

■ 0.0000, 0.0000,
0.0000

165.4710,

170.8669, 198.9993

203.6544,
210.5595, 244.1308

■ 20.4829, 20.7538,
25.8480

■ 20.4829, 20.7538,
25.8480

■ 17.6675, 16.9609,
25.2646

■ 23.6407, 25.0682,
26.5146

■ 15.1805, 13.6668,
24.7598

■ 27.1504, 29.9204,
27.2662

■ 13.0098, 10.8508,
24.3307

■ 31.0235, 35.3293,
28.1061

■ 11.1417, 8.4901,
23.9735

■ 35.2705, 41.3120,
29.0371

■ 9.5615, 6.5596,
23.6842

■ 39.9012, 47.8851,
30.0617

8.2530, 5.0319,
23.4583

44.9253, 55.0642,
31.1826

7.1985, 3.8764,
23.2908

50.3520, 62.8645,
32.4022

6.3775, 3.0576,
23.1760

56.1902, 71.3007,
33.7229

5.7488, 2.4987,
23.1013

62.4485, 80.3868,
35.1468

Harmonies

Analogous

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



19.8312, 20.7538, 26.5703



20.4829, 20.7538, 25.8480



20.9396, 20.7538, 24.2559

Triad

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



20.4829, 20.7538, 25.8480



20.2968, 20.7538, 19.3586



18.4417, 20.7538, 22.8997

Complementary

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



20.4829, 20.7538, 25.8480



21.6630, 23.6091, 22.4851

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.



18.5599, 20.7538, 21.0162



20.4829, 20.7538, 25.8480



19.6209, 20.7538, 19.0416

Square

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



20.4829, 20.7538, 25.8480



20.8304, 20.7538, 20.5233



18.9877, 20.7538, 19.6314



18.6610, 20.7538, 24.8066

Rectangle

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



20.4829, 20.7538, 25.8480



21.0665, 20.7538, 22.9558



18.9877, 20.7538, 19.6314



18.4434, 20.7538, 22.2427

Sweetspot

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



20.4835, 20.7547, 25.8485



40.0573, 41.7674, 46.9990



20.8226, 22.3080, 26.1304



9.2949, 9.6977, 10.8883



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



20.4835, 20.7547, 25.8485



35.5842, 35.6802, 46.0598



21.3097, 21.1806, 25.8871



4.5825, 4.6209, 5.8511



5.2175, 2.2239, 21.2909



0.0256, 0.0116, 0.0741

Inverse Universe

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



21.2969, 21.2059, 24.4446



37.3943, 36.6847, 42.9196



20.8555, 23.1928, 22.4473



4.7879, 4.7349, 5.4957



10.7664, 5.3709, 8.6081



0.0408, 0.0200, 0.0483

Previews

White Background



This preview shows how the XYZ color 20.4829, 20.7538, 25.8480 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 20.4829, 20.7538, 25.8480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

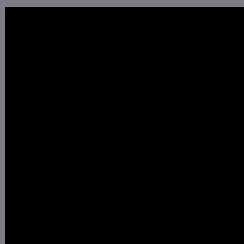
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.4829, 20.7538, 25.8480

Background



This preview shows how black text looks on a background with the XYZ color 20.4829, 20.7538, 25.8480.



This preview shows how white text looks on a background with the XYZ color 20.4829, 20.7538,

25.8480.

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

20.4829, 20.7538, 25.8480

Protanopia

20.2350, 20.8048, 26.2418

Deuteranopia

21.0056, 20.6549, 25.8013



Tritanopia

20.4128, 20.7257, 25.4789

Trichromacy



Original Color

20.4829, 20.7538, 25.8480

Protanomaly

20.3817, 20.8804, 26.2486

Deuteranomaly

20.8162, 20.7405, 25.8279

Tritanomaly

20.4128, 20.7257, 25.4789

Monochromacy



Original Color

20.4829, 20.7538, 25.8480

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.0485, 20.7642, 23.7201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4829, 20.7538, 25.8480 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, 124, 135)` looks like.

```
.text, #text, p{  
    color:rgb(128, 124, 135)  
}
```

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, 124, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 124, 135) }
```

Border

The CSS property to change the border of an element to XYZ 20.4829, 20.7538, 25.8480 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, 124, 135) }
```


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

```
.border{ border-color:rgb(128, 124, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 124, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 124, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 124, 135);  
box-shadow:4px 4px 4px 4px rgb(128, 124,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4829, 20.7538, 25.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 124, 135) }
```

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

```
.background{ background-color: rgb(128,  
124, 135) }
```

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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