

Converting Colors

XYZ(20.6055, 22.4559, 25.2017)

Have a look what the booklet for
XYZ(20.6055, 22.4559, 25.2017)
contains.

XYZ(20.5845, 22.3794, 25.0645)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.5845, 22.3794,
25.0645)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8484
RGB	123, 132, 132
RGB Percent	48%, 52%, 52%
CMY	0.5176, 0.4823, 0.4823
CMYK	0.07, 0.00, 0.00, 0.48
HSL	180°, 4%, 50%
HSV	180°, 7%, 52%
XYZ	20.5845, 22.3794, 25.0645
YIQ	129.3090, -5.3640, -1.9080

Conversions

Conversions Part 2

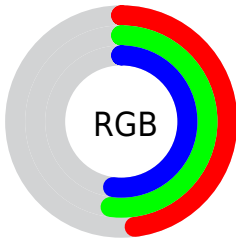
Format	Color
R_{YB}	123, 128, 132
Decimal	8094852
CIE Lab	54.43, -3.30, -1.15
CIE LCh	54, 3.495, 199.161
Yxy	22.3794, 0.3026, 0.3290
Android (android.graphics.Color)	4286284932 (0xFF7B8484)
YUV	129.3090, 1.3267, -5.5330
Hunter-Lab	47.3069, -5.1168, 1.7013

Details

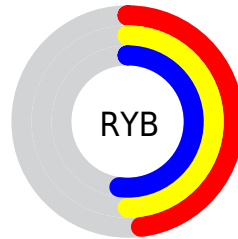
The XYZ color **20.5845, 22.3794, 25.0645** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.1747, 20.5021, 21.6340**, and the grayscale version is **20.9719, 22.0641, 24.0278**.

A 20% lighter version of the original color is **43.7851, 47.3147, 52.7239**, and **7.4786, 8.2669, 9.3851** is the 20% darker color. If you saturate the color by 10%, you get **18.8220, 21.4715, 24.9814**, and if you desaturate by 10%, it is **22.6029, 23.4205, 25.1605**.

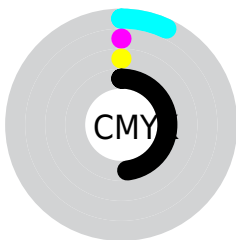
Distribution



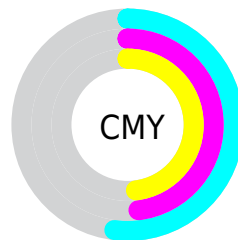
- Red (48%)
- Green (52%)
- Blue (52%)



- Red (48%)
- Yellow (50%)
- Blue (52%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (48%)



- Cyan (52%)
- Magenta (48%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5845, 22.3794, 25.0645 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 20.5845, 22.3794, 25.0645 by changing the saturation by 10% instead.

■ 20.5845, 22.3794,
25.0645

■ 20.5845, 22.3794,
25.0645

247.8357,
264.5212, 291.6170

■ 12.9314, 14.1359,
15.9057

■ 43.8915, 47.3723,
52.7273

■ 7.4580, 8.2153,
9.3038

■ 60.2761, 64.8905,
72.0683

■ 3.7990, 4.2330,
4.8403

■ 80.3018, 86.2690,
95.6404

■ 1.5891, 1.8047,
2.0968

104.3341,
111.8924, 123.8622

■ 0.3853, 0.4901,
0.6139

132.7383,
142.1449, 157.1522

■ 0.0000, 0.0000,
0.0000

165.8797,

177.4109, 195.9290

204.1237,
218.0749, 240.6111

■ 20.5845, 22.3794,
25.0645

■ 20.5845, 22.3794,
25.0645

■ 18.8220, 21.4715,
24.9814

■ 22.6029, 23.4205,
25.1605

■ 17.3035, 20.6886,
24.9092

■ 24.8849, 24.5969,
25.2684

■ 16.0187, 20.0263,
24.8480

■ 27.4401, 25.9141,
25.3891

■ 14.9560, 19.4785,
24.7971

■ 30.2773, 27.3767,
25.5230

■ 14.1029, 19.0387,
24.7561

■ 33.4046, 28.9889,
25.6704

■ 13.4454, 18.6998,
24.7242

■ 36.8299, 30.7547,
25.8319

■ 12.9682, 18.4538,
24.7008

■ 40.5610, 32.6781,
26.0076

■ 12.6533, 18.2915,
24.6850

■ 44.6050, 34.7629,
26.1979

■ 12.4672, 18.1956,
24.6752

■ 48.9692, 37.0126,
26.4033

Harmonies

Analogous

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



20.5575, 22.3794, 23.9738



20.5845, 22.3794, 25.0645



20.7941, 22.3794, 25.9941

Triad

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



20.5845, 22.3794, 25.0645



21.8316, 22.3794, 25.7693



21.4094, 22.3794, 22.3587

Complementary

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



20.5845, 22.3794, 25.0645



20.1747, 20.5021, 21.6340

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.



21.7550, 22.3794, 22.8100



20.5845, 22.3794, 25.0645



22.0007, 22.3794, 24.7652

Square

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



20.5845, 22.3794, 25.0645



21.5130, 22.3794, 26.4094



21.9725, 22.3794, 23.6833



21.0307, 22.3794, 22.4334

Rectangle

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



20.5845, 22.3794, 25.0645



21.0107, 22.3794, 26.3871



21.9725, 22.3794, 23.6833



21.5334, 22.3794, 22.4534

Sweetspot

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



20.5851, 22.3803, 25.0650



37.8989, 40.2664, 44.2275



20.0169, 22.1555, 21.9607



8.8352, 9.3808, 10.2976



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.



20.5851, 22.3803, 25.0650



35.8108, 39.1900, 44.1286



20.0075, 21.2248, 24.8732



4.8016, 5.2789, 5.9664



12.0199, 17.5908, 23.8878



0.0416, 0.0609, 0.0828

Inverse Universe

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



20.1747, 20.5021, 21.6340



34.9513, 35.2573, 36.9445



20.7263, 21.6057, 21.8172



4.6726, 4.6887, 4.8883



9.2138, 4.7498, 0.4321



0.0319, 0.0165, 0.0015

Previews

White Background



This preview shows how the XYZ color 20.5845, 22.3794, 25.0645 looks on a white background.

Color Contrast Check

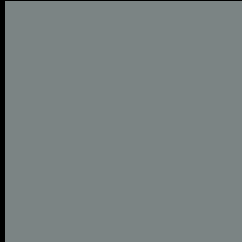
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5845, 22.3794, 25.0645 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

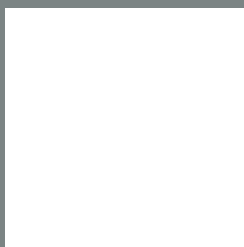
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.5845, 22.3794, 25.0645

Background



This preview shows how black text looks on a background with the XYZ color 20.5845, 22.3794, 25.0645.



This preview shows how white text looks on a background with the XYZ color 20.5845, 22.3794,

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

20.5845, 22.3794, 25.0645

Protanopia

21.3952, 22.2178, 24.2799

Deuteranopia

22.6790, 22.2779, 25.2951



Tritanopia

21.3815, 22.5157, 28.4183

Trichromacy



Original Color

20.5845, 22.3794, 25.0645

Protanomaly

21.1326, 22.2711, 24.6577

Deuteranomaly

21.7843, 22.2001, 25.3272

Tritanomaly

21.0159, 22.3527, 27.2516

Monochromacy



Original Color

20.5845, 22.3794, 25.0645

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.7643, 22.0890, 24.2883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5845, 22.3794, 25.0645 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(123, 132, 132)` looks like.

```
.text, #text, p{  
    color:rgb(123, 132, 132)  
}
```

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(123, 132, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 132, 132) }
```

Border

The CSS property to change the border of an element to XYZ 20.5845, 22.3794, 25.0645 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(123, 132, 132) }
```


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

```
.border{ border-color:rgb(123, 132, 132) }
```

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

Here you see how a box with a 4 pixel rgb(123, 132, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 132, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 132, 132);  
box-shadow:4px 4px 4px 4px rgb(123, 132,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5845, 22.3794, 25.0645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 132, 132) }
```

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

```
.background{ background-color: rgb(123,  
132, 132) }
```

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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