

Converting Colors

XYZ(20.6296, 21.5216, 24.2035)

Have a look what the booklet for
XYZ(20.6296, 21.5216, 24.2035)
contains.

XYZ(20.5207, 21.3796, 24.1642)	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(20.5207, 21.3796,
24.1642)**

Conversions

Conversions Part 1

Format	Color
Hex	807F82
RGB	128, 127, 130
RGB Percent	50%, 50%, 51%
CMY	0.4980, 0.5019, 0.4902
CMYK	0.02, 0.02, 0.00, 0.49
HSL	260°, 1%, 50%
HSV	260°, 2%, 51%
XYZ	20.5207, 21.3796, 24.1642
YIQ	127.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

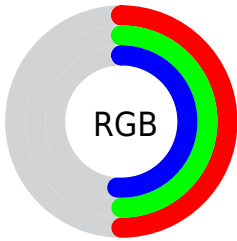
Format	Color
R_{YB}	128, 127, 130
Decimal	8421250
CIE Lab	53.36, 0.98, -1.50
CIE LCh	53, 1.788, 303.144
Yxy	21.3796, 0.3106, 0.3236
Android (android.graphics.Color)	4286611330 (0xFF807F82)
YUV	127.6410, 1.1630, 0.3148
Hunter-Lab	46.2381, -1.6974, 1.3815

Details

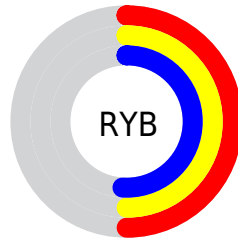
The XYZ color **20.5207, 21.3796, 24.1642** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.8674, 22.1652, 23.2582**, and the grayscale version is **20.3902, 21.4521, 23.3614**.

A 20% lighter version of the original color is **43.9246, 45.8852, 51.3414**, and **7.4340, 7.7051, 8.8800** is the 20% darker color. If you saturate the color by 10%, you get **17.6999, 17.5922, 23.5822**, and if you desaturate by 10%, it is **23.6710, 25.6596, 24.8246**.

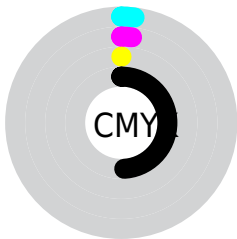
Distribution



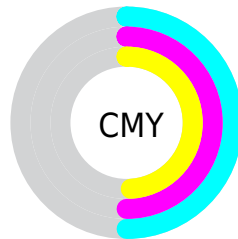
- Red (50%)
- Green (50%)
- Blue (51%)



- Red (50%)
- Yellow (50%)
- Blue (51%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (49%)



- Cyan (50%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5207, 21.3796, 24.1642 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 20.5207, 21.3796, 24.1642 by changing the saturation by 10% instead.

■ 20.5207, 21.3796,
24.1642

■ 20.5207, 21.3796,
24.1642

247.5004,
259.2890, 286.9628

■ 12.8846, 13.4018,
15.2421

■ 43.7858, 45.7184,
51.2452

■ 7.4256, 7.7058,
8.8410

■ 60.1454, 62.8482,
70.2412

■ 3.7783, 3.9073,
4.5422

■ 80.1436, 83.7975,
93.4323

■ 1.5775, 1.6218,
1.9273

104.1458,
108.9505, 121.2370

■ 0.3777, 0.3722,
0.5100

132.5171,
138.6918, 154.0739

■ 0.0000, 0.0000,
0.0000

165.6231,

173.4057, 192.3615

203.8291,
213.4767, 236.5183

■ 20.5207, 21.3796,
24.1642

■ 20.5207, 21.3796,
24.1642

■ 17.6999, 17.5922,
23.5822

■ 23.6710, 25.6596,
24.8246

■ 15.1956, 14.2768,
23.0742

■ 27.1592, 30.4465,
25.5647

■ 12.9968, 11.4154,
22.6378

■ 30.9962, 35.7572,
26.3876

■ 11.0913, 8.9876,
22.2696

■ 35.1913, 41.6073,
27.2956

■ 9.4656, 6.9716,
21.9662

■ 39.7538, 48.0114,
28.2913

8.1054, 5.3436,
21.7236

44.6925, 54.9838,
29.3768

6.9951, 4.0773,
21.5377

50.0160, 62.5381,
30.5543

6.1169, 3.1428,
21.4036

55.7325, 70.6876,
31.8261

5.4507, 2.5056,
21.3158

61.8500, 79.4451,
33.1940

Harmonies

Analogous

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



20.3407, 21.3796, 24.3372



20.5207, 21.3796, 24.1642



20.6477, 21.3796, 23.7537

Triad

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



20.5207, 21.3796, 24.1642



20.4859, 21.3796, 22.3594



19.9587, 21.3796, 23.3361

Complementary

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



20.5207, 21.3796, 24.1642



20.8674, 22.1652, 23.2582

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.



19.9971, 21.3796, 22.8101



20.5207, 21.3796, 24.1642



20.3007, 21.3796, 22.2514

Square

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



20.5207, 21.3796, 24.1642



20.6275, 21.3796, 22.7124



20.1219, 21.3796, 22.4152



20.0169, 21.3796, 23.8544

Rectangle

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



20.5207, 21.3796, 24.1642



20.6849, 21.3796, 23.4036



20.1219, 21.3796, 22.4152



19.9608, 21.3796, 23.1543

Sweetspot

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



20.5213, 21.3805, 24.1647



36.8183, 38.5705, 42.6968



20.6392, 21.8381, 24.2468



8.3425, 8.7422, 9.6661



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



20.5213, 21.3805, 24.1647



35.7405, 37.1140, 42.4725



20.7411, 21.4938, 24.1750



4.5874, 4.7519, 5.4887



4.8365, 2.0470, 20.3901



0.0000, 0.0000, 0.0000

Inverse Universe

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



20.7585, 21.5105, 23.8278



36.2941, 37.4174, 41.6843



20.6486, 22.0525, 23.2480



4.6720, 4.7983, 5.3681



10.4691, 5.2073, 9.0598



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 20.5207, 21.3796, 24.1642 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 20.5207, 21.3796, 24.1642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

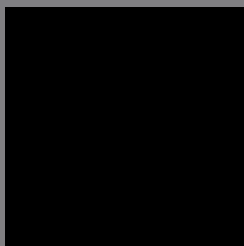
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

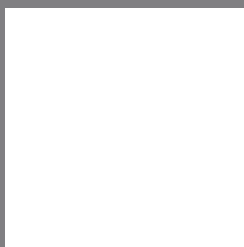
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.5207, 21.3796, 24.1642

Background



This preview shows how black text looks on a background with the XYZ color 20.5207, 21.3796, 24.1642.



This preview shows how white text looks on a background with the XYZ color 20.5207, 21.3796,

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

20.5207, 21.3796, 24.1642

Protanopia

20.6719, 21.4576, 24.1713

Deuteranopia

21.6609, 21.2079, 24.4246



Tritanopia

20.9580, 21.3664, 26.3121

Trichromacy



Original Color

20.5207, 21.3796, 24.1642

Protanomaly

20.6719, 21.4576, 24.1713

Deuteranomaly

21.1359, 21.1223, 24.4358

Tritanomaly

20.8172, 21.3101, 25.5703

Monochromacy



Original Color

20.5207, 21.3796, 24.1642

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.5837, 21.6125, 23.8556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5207, 21.3796, 24.1642 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, 127, 130)` looks like.

```
.text, #text, p{  
    color:rgb(128, 127, 130)  
}
```

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, 127, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 127, 130) }
```

Border

The CSS property to change the border of an element to XYZ 20.5207, 21.3796, 24.1642 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, 127, 130) }
```


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

```
.border{ border-color:rgb(128, 127, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 127, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 127, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 127, 130);  
box-shadow:4px 4px 4px 4px rgb(128, 127,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5207, 21.3796, 24.1642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 127, 130) }
```

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

```
.background{ background-color: rgb(128,  
127, 130) }
```

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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