

Converting Colors

XYZ(20.5311, 22.1789, 24.7077)

Have a look what the booklet for
XYZ(20.5311, 22.1789, 24.7077)
contains.

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Color

**XYZ(20.5252, 22.1564,
24.6675)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8383
RGB	124, 131, 131
RGB Percent	49%, 51%, 51%
CMY	0.5137, 0.4863, 0.4863
CMYK	0.05, 0.00, 0.00, 0.49
HSL	180°, 3%, 50%
HSV	180°, 5%, 51%
XYZ	20.5252, 22.1564, 24.6675
YIQ	128.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

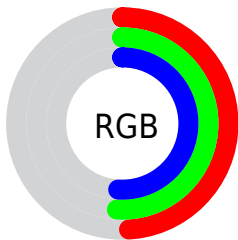
Format	Color
RYB	124, 128, 131
Decimal	8160131
CIELab	54.19, -2.58, -0.90
CIElCh	54, 2.731, 199.266
Yxy	22.1564, 0.3048, 0.3290
Android (android.graphics.Color)	4286350211 (0xFF7C8383)
YUV	128.9070, 1.0318, -4.3034
Hunter-Lab	47.0706, -4.5383, 1.8783

Details

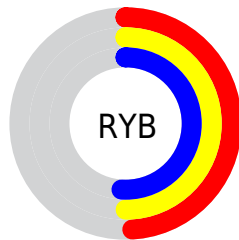
The XYZ color **20.5252, 22.1564, 24.6675** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.2066, 20.6964, 21.9997**, and the grayscale version is **20.8318, 21.9166, 23.8672**.

A 20% lighter version of the original color is **43.9237, 47.0888, 52.1214**, and **7.4419, 8.1396, 9.1615** is the 20% darker color. If you saturate the color by 10%, you get **18.7563, 21.2451, 24.5836**, and if you desaturate by 10%, it is **22.5470, 23.1992, 24.7642**.

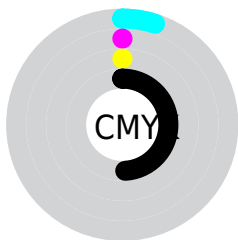
Distribution



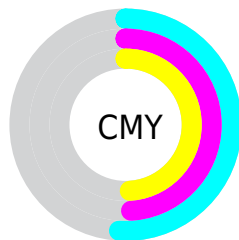
- Red (49%)
- Green (51%)
- Blue (51%)



- Red (49%)
- Yellow (50%)
- Blue (51%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (49%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5252, 22.1564, 24.6675 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 20.5252, 22.1564, 24.6675 by changing the saturation by 10% instead.

■ 20.5252, 22.1564,
24.6675

■ 20.5252, 22.1564,
24.6675

247.5241,
263.3619, 289.5725

■ 12.8879, 13.9719,
15.6127

■ 43.7932, 47.0044,
52.0747

■ 7.4278, 8.1011,
9.0992

■ 60.1547, 64.4366,
71.2642

■ 3.7798, 4.1597,
4.7082

■ 80.1548, 85.7201,
94.6691

■ 1.5783, 1.7633,
2.0214

104.1591,
111.2394, 122.7079

■ 0.3782, 0.4641,
0.5684

132.5327,
141.3789, 155.7990

■ 0.0000, 0.0000,
0.0000

165.6412,

176.5228, 194.3612

203.8499,
217.0557, 238.8128

■ 20.5252, 22.1564,
24.6675

■ 20.5252, 22.1564,
24.6675

■ 18.7563, 21.2451,
24.5836

■ 22.5470, 23.1992,
24.7642

■ 17.2284, 20.4575,
24.5104

■ 24.8289, 24.3756,
24.8726

■ 15.9317, 19.7891,
24.4482

■ 27.3806, 25.6910,
24.9936

■ 14.8550, 19.2341,
24.3962

■ 30.2103, 27.1497,
25.1277

■ 13.9861, 18.7861,
24.3539

■ 33.3262, 28.7560,
25.2751

■ 13.3115, 18.4384,
24.3207

■ 36.7359, 30.5137,
25.4363

■ 12.8163, 18.1832,
24.2959

■ 40.4470, 32.4268,
25.6116

■ 12.4835, 18.0117,
24.2787

■ 44.4664, 34.4989,
25.8013

■ 12.2871, 17.9104,
24.2679

■ 48.8012, 36.7335,
26.0058

Harmonies

Analogous

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



20.5036, 22.1564, 23.8216



20.5252, 22.1564, 24.6675



20.6890, 22.1564, 25.3835

Triad

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



20.5252, 22.1564, 24.6675



21.4941, 22.1564, 25.2061



21.1654, 22.1564, 22.5551

Complementary

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



20.5252, 22.1564, 24.6675



20.2066, 20.6964, 21.9997

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.



21.4333, 22.1564, 22.9080



20.5252, 22.1564, 24.6675



21.6243, 22.1564, 24.4300

Square

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



20.5252, 22.1564, 24.6675



21.2477, 22.1564, 25.6995



21.6020, 22.1564, 23.5896



20.8714, 22.1564, 22.6153

Rectangle

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



20.5252, 22.1564, 24.6675



20.8577, 22.1564, 25.6846



21.6020, 22.1564, 23.5896



21.2615, 22.1564, 22.6290

Sweetspot

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



20.5258, 22.1573, 24.6680



37.8989, 40.2664, 44.2273



20.0841, 21.9826, 22.2536



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.



20.5258, 22.1573, 24.6680



36.4879, 39.5391, 44.1601



20.0788, 21.2630, 24.5198



4.9233, 5.3416, 5.9720



12.0189, 17.5904, 23.8826



0.0416, 0.0609, 0.0828

Inverse Universe

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



20.2066, 20.6964, 21.9997



35.8348, 36.5501, 38.7009



20.6380, 21.5593, 22.1427



4.8314, 4.9211, 5.2040



9.2138, 4.7499, 0.4325



0.0319, 0.0165, 0.0015

Previews

White Background



This preview shows how the XYZ color 20.5252, 22.1564, 24.6675 looks on a white background.

Color Contrast Check

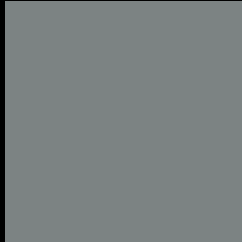
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5252, 22.1564, 24.6675 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

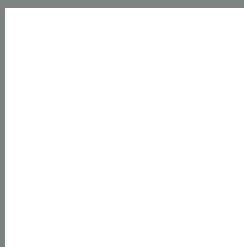
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.5252, 22.1564, 24.6675

Background



This preview shows how black text looks on a background with the XYZ color 20.5252, 22.1564, 24.6675.



This preview shows how white text looks on a background with the XYZ color 20.5252, 22.1564,

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

20.5252, 22.1564, 24.6675

Protanopia

21.3952, 22.2178, 24.2799

Deuteranopia

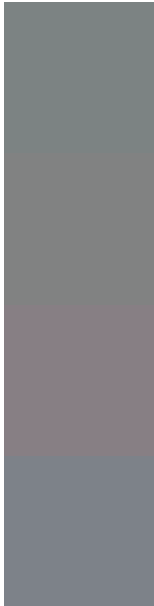
22.4830, 21.9959, 24.8904



Tritanopia

21.1737, 22.2187, 27.9836

Trichromacy



Original Color

20.5252, 22.1564, 24.6675

Protanomaly

21.0652, 22.2441, 24.3024

Deuteranomaly

21.7459, 21.9956, 24.9292

Tritanomaly

20.9554, 22.1314, 26.8342

Monochromacy



Original Color

20.5252, 22.1564, 24.6675

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 20.5252, 22.1564, 24.6675 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(124, 131, 131)` looks like.

```
.text, #text, p{  
    color:rgb(124, 131, 131)  
}
```

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(124, 131, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 131, 131) }
```

Border

The CSS property to change the border of an element to XYZ 20.5252, 22.1564, 24.6675 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(124, 131, 131) }
```


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

```
.border{ border-color:rgb(124, 131, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 131, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 131, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 131, 131);  
box-shadow:4px 4px 4px 4px rgb(124, 131,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5252, 22.1564, 24.6675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 131, 131) }
```

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

```
.background{ background-color: rgb(124,  
131, 131) }
```

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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