

Converting Colors

XYZ(19.8913, 20.9961, 24.1236)

Have a look what the booklet for
XYZ(19.8913, 20.9961, 24.1236)
contains.

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Color

**XYZ(19.9308, 21.0755,
24.1366)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7F82
RGB	124, 127, 130
RGB Percent	49%, 50%, 51%
CMY	0.5137, 0.5019, 0.4902
CMYK	0.05, 0.02, 0.00, 0.49
HSL	210°, 2%, 50%
HSV	210°, 5%, 51%
XYZ	19.9308, 21.0755, 24.1366
YIQ	126.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

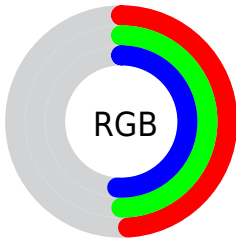
Format	Color
RYB	124, 126, 130
Decimal	8159106
CIELab	53.03, -0.50, -2.02
CIElCh	53, 2.082, 256.102
Yxy	21.0755, 0.3060, 0.3235
Android (android.graphics.Color)	4286349186 (0xFF7C7F82)
YUV	126.4450, 1.7526, -2.1443
Hunter-Lab	45.9081, -2.8440, 0.9634

Details

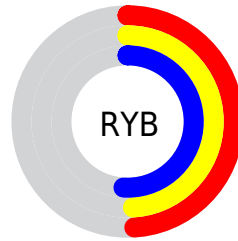
The XYZ color **19.9308, 21.0755, 24.1366** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.4335, 21.3796, 22.1188**, and the grayscale version is **19.9781, 21.0186, 22.8892**.

A 20% lighter version of the original color is **42.7730, 45.2915, 51.2875**, and **7.1112, 7.5387, 8.8649** is the 20% darker color. If you saturate the color by 10%, you get **17.3626, 18.5466, 23.7841**, and if you desaturate by 10%, it is **22.8020, 23.8421, 24.5196**.

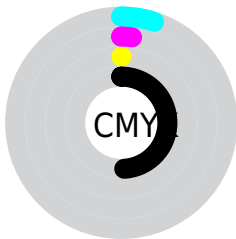
Distribution



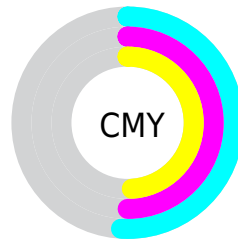
- Red (49%)
- Green (50%)
- Blue (51%)



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



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (49%)



- Cyan (51%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9308, 21.0755, 24.1366 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 19.9308, 21.0755, 24.1366 by changing the saturation by 10% instead.

■ 19.9308, 21.0755,
24.1366

■ 19.9308, 21.0755,
24.1366

244.3810,
257.6795, 286.8191

■ 12.4527, 13.1792,
15.2218

■ 42.8060, 45.2132,
51.1996

■ 7.1272, 7.5521,
8.8269

■ 58.9338, 62.2233,
70.1850

■ 3.5888, 3.8097,
4.5332

■ 78.6755, 83.0402,
93.3643

■ 1.4722, 1.5677,
1.9222

102.3966,
108.0482, 121.1561

■ 0.3068, 0.3357,
0.5068

130.4623,
137.6317, 153.9790

■ 0.0000, 0.0000,
0.0000

163.2380,

172.1752, 192.2514

201.0891,
212.0630, 236.3919

■ 19.9308, 21.0755,
24.1366

■ 19.9308, 21.0755,
24.1366

■ 17.3626, 18.5466,
23.7841

■ 22.8020, 23.8421,
24.5196

■ 15.0850, 16.2457,
23.4601

■ 25.9845, 26.8504,
24.9325

■ 13.0873, 14.1663,
23.1640

■ 29.4885, 30.1076,
25.3766

■ 11.3575, 12.3007,
22.8951

■ 33.3231, 33.6199,
25.8524

■ 9.8825, 10.6405,
22.6524

■ 37.4971, 37.3930,
26.3607

■ 8.6481, 9.1767,
22.4349

■ 42.0190, 41.4327,
26.9021

■ 7.6387, 7.8994,
22.2415

■ 46.8969, 45.7445,
27.4773

■ 6.8364, 6.7976,
22.0712

■ 52.1386, 50.3337,
28.0868

■ 6.2170, 5.8569,
21.9222

■ 57.7519, 55.2055,
28.7313

Harmonies

Analogous

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



19.7415, 21.0755, 23.8264



19.9308, 21.0755, 24.1366



20.1485, 21.0755, 24.1242

Triad

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



19.9308, 21.0755, 24.1366



20.4383, 21.0755, 22.6153



19.7302, 21.0755, 22.1227

Complementary

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



19.9308, 21.0755, 24.1366



20.4335, 21.3796, 22.1188

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.



19.9152, 21.0755, 21.8100



19.9308, 21.0755, 24.1366



20.3246, 21.0755, 22.0908

Square

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



19.9308, 21.0755, 24.1366



20.4426, 21.0755, 23.2381



20.1328, 21.0755, 21.7984



19.6262, 21.0755, 22.6596

Rectangle

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



19.9308, 21.0755, 24.1366



20.2804, 21.0755, 23.9345



20.1328, 21.0755, 21.7984



19.7849, 21.0755, 21.9883

Sweetspot

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



19.9314, 21.0764, 24.1371



36.8544, 38.8181, 42.7427



20.1194, 21.7804, 23.1885



8.3500, 8.7943, 9.6757



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.



19.9314, 21.0764, 24.1371



34.3786, 36.4128, 42.4089



19.5620, 20.3375, 24.0139



4.4357, 4.6992, 5.4865



5.6851, 5.1888, 20.9518



0.0000, 0.0000, 0.0000

Inverse Universe

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



20.2448, 20.6938, 23.0070



35.1074, 35.5340, 39.7783



20.8137, 22.1401, 22.2456



4.5333, 4.5817, 5.1341



9.7466, 4.9183, 5.2552



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.9308, 21.0755, 24.1366 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 19.9308, 21.0755, 24.1366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

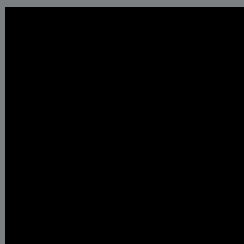
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

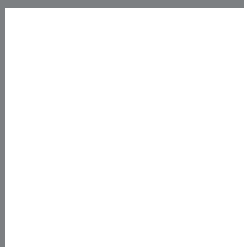
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.9308, 21.0755, 24.1366

Background



This preview shows how black text looks on a background with the XYZ color 19.9308, 21.0755, 24.1366.



This preview shows how white text looks on a background with the XYZ color 19.9308, 21.0755,

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

19.9308, 21.0755, 24.1366

Protanopia

20.3254, 21.0959, 23.7695

Deuteranopia

21.4962, 21.1230, 24.4169



Tritanopia

20.3622, 21.0593, 26.2842

Trichromacy

**Original Color**

19.9308, 21.0755, 24.1366

Protanomaly

20.1757, 21.0187, 23.7625

Deuteranomaly

20.8201, 20.9595, 24.4210

Tritanomaly

20.2214, 21.0029, 25.5424

Monochromacy

**Original Color**

19.9308, 21.0755, 24.1366

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.7491, 20.8140, 23.0553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9308, 21.0755, 24.1366 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, 127, 130)` looks like.

```
.text, #text, p{  
    color:rgb(124, 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(124, 127, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 127, 130) }
```

Border

The CSS property to change the border of an element to XYZ 19.9308, 21.0755, 24.1366 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, 127, 130) }
```


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

```
.border{ border-color:rgb(124, 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(124, 127, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 127, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 127, 130);  
box-shadow:4px 4px 4px 4px rgb(124, 127,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9308, 21.0755, 24.1366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 127, 130) }
```

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

```
.background{ background-color: rgb(124,  
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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