

Converting Colors

XYZ(20.0969, 21.4991, 24.2272)

Have a look what the booklet for
XYZ(20.0969, 21.4991, 24.2272)
contains.

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Color

**XYZ(20.1917, 21.5973,
24.2236)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8182
RGB	124, 129, 130
RGB Percent	49%, 51%, 51%
CMY	0.5137, 0.4941, 0.4902
CMYK	0.05, 0.01, 0.00, 0.49
HSL	190°, 2%, 50%
HSV	190°, 5%, 51%
XYZ	20.1917, 21.5973, 24.2236
YIQ	127.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

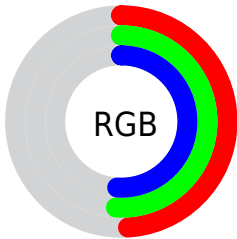
Format	Color
RYB	124, 127, 130
Decimal	8159618
CIELab	53.60, -1.65, -1.19
CIElCh	54, 2.032, 215.926
Yxy	21.5973, 0.3059, 0.3272
Android (android.graphics.Color)	4286349698 (0xFF7C8182)
YUV	127.6190, 1.1738, -3.1739
Hunter-Lab	46.4729, -3.7723, 1.6266

Details

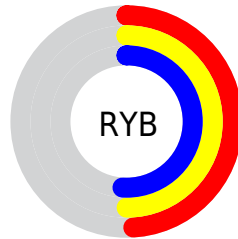
The XYZ color **20.1917, 21.5973, 24.2236** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.1777, 20.8681, 22.0336**, and the grayscale version is **20.3833, 21.4449, 23.3535**.

A 20% lighter version of the original color is **43.1797, 46.1049, 51.4231**, and **7.2555, 7.8273, 8.9130** is the 20% darker color. If you saturate the color by 10%, you get **18.1538, 20.1290, 24.0479**, and if you desaturate by 10%, it is **22.4846, 23.2072, 24.4138**.

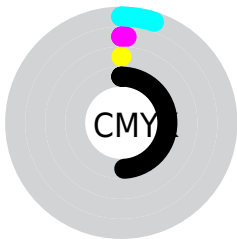
Distribution



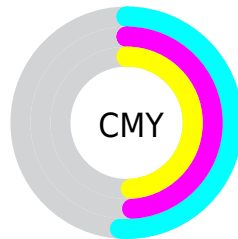
- Red (49%)
- Green (51%)
- Blue (51%)



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



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (49%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1917, 21.5973, 24.2236 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 20.1917, 21.5973, 24.2236 by changing the saturation by 10% instead.

■ 20.1917, 21.5973,
24.2236

■ 20.1917, 21.5973,
24.2236

245.7648,
260.4360, 287.2719

■ 12.6435, 13.5613,
15.2858

■ 43.2398, 46.0795,
51.3432

■ 7.2589, 7.8162,
8.8714

■ 59.4705, 63.2945,
70.3622

■ 3.6723, 3.9776,
4.5617

■ 79.3261, 84.3380,
93.5786

■ 1.5185, 1.6610,
1.9383

103.1720,
109.5943, 121.4111

■ 0.3383, 0.3982,
0.5169

131.3734,
139.4479, 154.2781

■ 0.0000, 0.0000,
0.0000

164.2958,

174.2831, 192.5982

202.3045,
214.4843, 236.7899

■ 20.1917, 21.5973,
24.2236

■ 20.1917, 21.5973,
24.2236

■ 18.1538, 20.1290,
24.0479

■ 22.4846, 23.2072,
24.4138

■ 16.3594, 18.7945,
23.8849

■ 25.0397, 24.9607,
24.6176

■ 14.7988, 17.5893,
23.7345

■ 27.8663, 26.8633,
24.8359

■ 13.4610, 16.5078,
23.5963

■ 30.9727, 28.9192,
25.0690

■ 12.3341, 15.5437,
23.4696

■ 34.3669, 31.1326,
25.3173

■ 11.4049, 14.6903,
23.3539

■ 38.0563, 33.5074,
25.5812

■ 10.6590, 13.9399,
23.2483

■ 42.0484, 36.0475,
25.8611

■ 10.0796, 13.2839,
23.1523

■ 46.3501, 38.7566,
26.1573

■ 9.6437, 12.7105,
23.0645

■ 50.9682, 41.6381,
26.4701

Harmonies

Analogous

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



20.1155, 21.5973, 23.6393



20.1917, 21.5973, 24.2236



20.3579, 21.5973, 24.6233

Triad

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



20.1917, 21.5973, 24.2236



20.9107, 21.5973, 24.0064



20.4846, 21.5973, 22.3476

Complementary

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



20.1917, 21.5973, 24.2236



20.1777, 20.8681, 22.0336

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.



20.6982, 21.5973, 22.4420



20.1917, 21.5973, 24.2236



20.9452, 21.5973, 23.3927

Square

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



20.1917, 21.5973, 24.2236



20.7733, 21.5973, 24.4964



20.8672, 21.5973, 22.8219



20.2838, 21.5973, 22.5617

Rectangle

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



20.1917, 21.5973, 24.2236



20.4980, 21.5973, 24.7275



20.8672, 21.5973, 22.8219



20.5572, 21.5973, 22.3444

Sweetspot

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



20.1923, 21.5982, 24.2241



36.9578, 39.0249, 42.7772



19.9904, 21.7288, 22.5094



8.3718, 8.8377, 9.6830



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.



20.1923, 21.5982, 24.2241



34.9855, 37.6265, 42.6112



19.8154, 20.8444, 24.0984



4.5170, 4.8618, 5.5136



9.0478, 11.9142, 22.0727



0.0000, 0.0000, 0.0000

Inverse Universe

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



20.3765, 20.7465, 23.7005



35.4138, 35.6565, 41.3914



20.5505, 21.6137, 22.1578



4.5743, 4.5982, 5.3502



11.4439, 5.5973, 14.1932



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 20.1917, 21.5973, 24.2236 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 20.1917, 21.5973, 24.2236 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

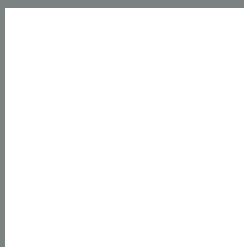
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.1917, 21.5973, 24.2236

Background



This preview shows how black text looks on a background with the XYZ color 20.1917, 21.5973, 24.2236.



This preview shows how white text looks on a background with the XYZ color 20.1917, 21.5973,

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

20.1917, 21.5973, 24.2236

Protanopia

20.7577, 21.5095, 23.8266

Deuteranopia

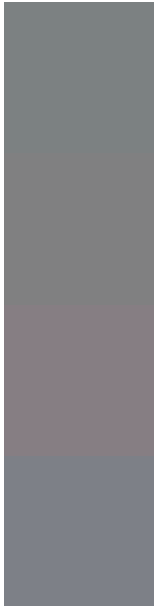
21.9518, 21.5430, 24.4739



Tritanopia

20.7641, 21.6333, 27.1260

Trichromacy



Original Color

20.1917, 21.5973, 24.2236

Protanomaly

20.5837, 21.6125, 23.8556

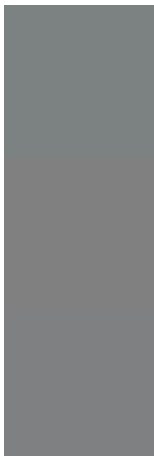
Deuteranomaly

21.3891, 21.6287, 24.5202

Tritanomaly

20.5498, 21.5476, 25.9977

Monochromacy



Original Color

20.1917, 21.5973, 24.2236

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.4340, 21.5353, 23.8486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1917, 21.5973, 24.2236 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, 129, 130)` looks like.

```
.text, #text, p{  
    color:rgb(124, 129, 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, 129, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 129, 130) }
```

Border

The CSS property to change the border of an element to XYZ 20.1917, 21.5973, 24.2236 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, 129, 130) }
```


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

```
.border{ border-color:rgb(124, 129, 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, 129, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 129, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 129, 130);  
box-shadow:4px 4px 4px 4px rgb(124, 129,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1917, 21.5973, 24.2236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 129, 130) }
```

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

```
.background{ background-color: rgb(124,  
129, 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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