

Converting Colors

XYZ(19.4933, 21.3188, 24.0830)

Have a look what the booklet for
XYZ(19.4933, 21.3188, 24.0830)
contains.

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Color

**XYZ(19.4873, 21.2342,
24.1906)**

Conversions

Conversions Part 1

Format	Color
Hex	778182
RGB	119, 129, 130
RGB Percent	47%, 51%, 51%
CMY	0.5333, 0.4941, 0.4902
CMYK	0.08, 0.01, 0.00, 0.49
HSL	185°, 4%, 49%
HSV	185°, 8%, 51%
XYZ	19.4873, 21.2342, 24.1906
YIQ	126.1240, -6.2810, -1.8090

Conversions

Conversions Part 2

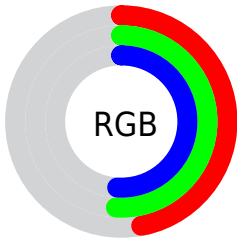
Format	Color
R_{YB}	119, 124, 130
Decimal	7831938
CIE _{Lab}	53.20, -3.46, -1.81
CIE _{LCh}	53, 3.911, 207.624
Y _{xy}	21.2342, 0.3002, 0.3271
Android (android.graphics.Color)	4286022018 (0xFF778182)
Y _{UV}	126.1240, 1.9109, -6.2477
Hunter-Lab	46.0806, -5.1541, 1.1314

Details

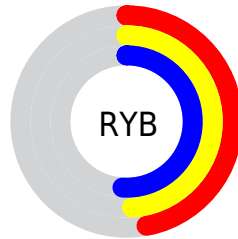
The XYZ color **19.4873, 21.2342, 24.1906** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.2523, 19.5105, 20.2043**, and the grayscale version is **19.8691, 20.9039, 22.7643**.

A 20% lighter version of the original color is **42.0698, 45.5327, 51.3711**, and **6.9524, 7.6710, 8.8988** is the 20% darker color. If you saturate the color by 10%, you get **17.6695, 20.0684, 24.0617**, and if you desaturate by 10%, it is **21.5522, 22.5312, 24.3324**.

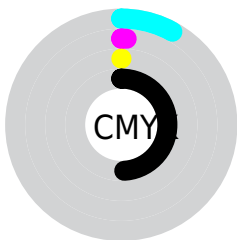
Distribution



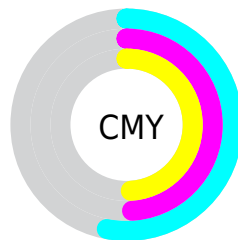
- Red (47%)
- Green (51%)
- Blue (51%)



- Red (47%)
- Yellow (49%)
- Blue (51%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (49%)



- Cyan (53%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4873, 21.2342, 24.1906 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 19.4873, 21.2342, 24.1906 by changing the saturation by 10% instead.

■ 19.4873, 21.2342,
24.1906

■ 19.4873, 21.2342,
24.1906

242.0127,
258.5205, 287.1002

■ 12.1290, 13.2953,
15.2616

■ 42.0665, 45.4770,
51.2888

■ 6.9044, 7.6322,
8.8545

■ 58.0180, 62.5497,
70.2950

■ 3.4482, 3.8605,
4.5509

■ 77.5647, 83.4357,
93.4974

■ 1.3950, 1.5958,
1.9322

101.0719,
108.5195, 121.3144

■ 0.2526, 0.3548,
0.5131

128.9050,
138.1855, 154.1647

■ 0.0000, 0.0000,
0.0000

161.4292,

172.8181, 192.4667

199.0100,
212.8016, 236.6390

■ 19.4873, 21.2342,
24.1906

■ 19.4873, 21.2342,
24.1906

■ 17.6695, 20.0684,
24.0617

■ 21.5522, 22.5312,
24.3324

■ 16.0872, 19.0261,
23.9439

■ 23.8716, 23.9615,
24.4863

■ 14.7304, 18.1026,
23.8372

■ 26.4550, 25.5306,
24.6530

■ 13.5877, 17.2922,
23.7410

■ 29.3107, 27.2427,
24.8329

■ 12.6469, 16.5885,
23.6548

■ 32.4468, 29.1021,
25.0265

■ 11.8945, 15.9845,
23.5778

■ 35.8709, 31.1127,
25.2342

■ 11.3151, 15.4724,
23.5095

■ 39.5905, 33.2783,
25.4561

■ 10.8911, 15.0429,
23.4490

■ 43.6126, 35.6026,
25.6928

■ 10.5789, 14.6736,
23.3941

■ 47.9441, 38.0891,
25.9444

Harmonies

Analogous

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



19.3997, 21.2342, 23.0263



19.4873, 21.2342, 24.1906



19.7604, 21.2342, 25.0940

Triad

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



19.4873, 21.2342, 24.1906



20.8603, 21.2342, 24.3593



20.2154, 21.2342, 20.9226

Complementary

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



19.4873, 21.2342, 24.1906



19.2523, 19.5105, 20.2043

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.



20.6105, 21.2342, 21.2531



19.4873, 21.2342, 24.1906



20.9860, 21.2342, 23.2148

Square

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



19.4873, 21.2342, 24.1906



20.5528, 21.2342, 25.1937



20.8940, 21.2342, 22.0823



19.8167, 21.2342, 21.1641

Rectangle

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



19.4873, 21.2342, 24.1906



20.0128, 21.2342, 25.4128



20.8940, 21.2342, 22.0823



20.3531, 21.2342, 20.9702

Sweetspot

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



19.4879, 21.2351, 24.1911



36.2251, 38.5984, 42.7335



18.9758, 21.2416, 20.8431



8.1393, 8.6988, 9.6684



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.



19.4879, 21.2351, 24.1911



33.7230, 37.0172, 42.5601



18.7929, 19.8451, 23.9594



4.4141, 4.8223, 5.5114



10.1013, 14.0211, 22.4239



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.7657, 19.5249, 23.4969



34.3089, 33.4243, 41.0927



19.9225, 20.8510, 20.4278



4.4819, 4.4059, 5.3420



11.9756, 5.8100, 16.9934



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.4873, 21.2342, 24.1906 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 19.4873, 21.2342, 24.1906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

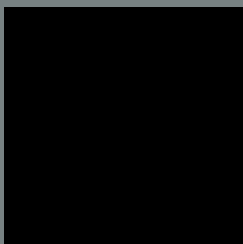
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

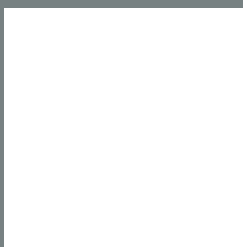
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4873, 21.2342, 24.1906

Background



This preview shows how black text looks on a background with the XYZ color 19.4873, 21.2342, 24.1906.



This preview shows how white text looks on a background with the XYZ color 19.4873, 21.2342,

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

19.4873, 21.2342, 24.1906

Protanopia

20.4104, 21.1473, 23.4282

Deuteranopia

21.4962, 21.1230, 24.4169



Tritanopia

20.0523, 21.2664, 27.0927

Trichromacy



Original Color

19.4873, 21.2342, 24.1906

Protanomaly

20.0093, 21.1237, 23.7916

Deuteranomaly

20.6363, 21.0518, 24.4485

Tritanomaly

19.8381, 21.1807, 25.9644

Monochromacy



Original Color

19.4873, 21.2342, 24.1906

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.5885, 20.9220, 23.0846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4873, 21.2342, 24.1906 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(119, 129, 130)` looks like.

```
.text, #text, p{  
    color:rgb(119, 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(119, 129, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 129, 130) }
```

Border

The CSS property to change the border of an element to XYZ 19.4873, 21.2342, 24.1906 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(119, 129, 130) }
```


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

```
.border{ border-color:rgb(119, 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(119, 129, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 129, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 129, 130);  
box-shadow:4px 4px 4px 4px rgb(119, 129,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4873, 21.2342, 24.1906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 129, 130) }
```

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

```
.background{ background-color: rgb(119,  
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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