

Converting Colors

XYZ(19.9430, 21.3770, 25.9435)

Have a look what the booklet for
XYZ(19.9430, 21.3770, 25.9435)
contains.

XYZ(19.9692, 21.4429, 26.0081)	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(19.9692, 21.4429,
26.0081)**

Conversions

Conversions Part 1

Format	Color
Hex	788187
RGB	120, 129, 135
RGB Percent	47%, 51%, 53%
CMY	0.5294, 0.4941, 0.4706
CMYK	0.11, 0.04, 0.00, 0.47
HSL	204°, 6%, 50%
HSV	204°, 11%, 53%
XYZ	19.9692, 21.4429, 26.0081
YIQ	126.9930, -7.2900, -0.0420

Conversions

Conversions Part 2

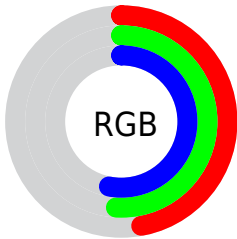
Format	Color
R_{YB}	120, 126, 135
Decimal	7897479
CIE _{Lab}	53.43, -2.03, -4.38
CIE _{LCh}	53, 4.831, 245.171
Yxy	21.4429, 0.2962, 0.3180
Android (android.graphics.Color)	4286087559 (0xFF788187)
YUV	126.9930, 3.9475, -6.1329
Hunter-Lab	46.3065, -4.0600, -0.8858

Details

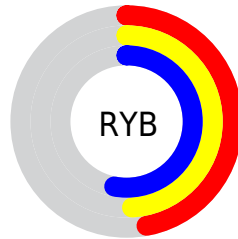
The XYZ color **19.9692, 21.4429, 26.0081** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.8428, 21.4286, 20.8073**, and the grayscale version is **20.1596, 21.2095, 23.0971**.

A 20% lighter version of the original color is **42.8183, 45.8574, 54.1715**, and **7.1069, 7.7328, 9.7123** is the 20% darker color. If you saturate the color by 10%, you get **17.5351, 19.1607, 25.6962**, and if you desaturate by 10%, it is **22.7062, 23.9381, 26.3458**.

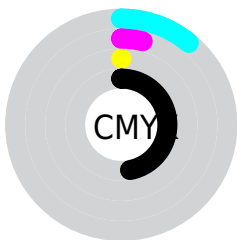
Distribution



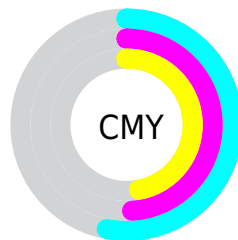
- Red (47%)
- Green (51%)
- Blue (53%)



- Red (47%)
- Yellow (49%)
- Blue (53%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)



- Cyan (53%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9692, 21.4429, 26.0081 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 19.9692, 21.4429, 26.0081 by changing the saturation by 10% instead.

■ 19.9692, 21.4429,
26.0081

■ 19.9692, 21.4429,
26.0081

244.5851,
259.6230, 296.4286

■ 12.4808, 13.4481,
16.6039

■ 42.8699, 45.8235,
54.2723

■ 7.1465, 7.7379,
9.7935

■ 59.0129, 62.9781,
73.9693

■ 3.6011, 3.9277,
5.1585

■ 78.7714, 83.9548,
97.9343

■ 1.4790, 1.6332,
2.2802

102.5109,
109.1379, 126.5859

■ 0.3115, 0.3798,
0.7201

130.5966,
138.9119, 160.3426

■ 0.0000, 0.0000,
0.0000

163.3940,

173.6612, 199.6229

201.2684,
213.7700, 244.8454

■ 19.9692, 21.4429,
26.0081

■ 19.9692, 21.4429,
26.0081

■ 17.5351, 19.1607,
25.6962

■ 22.7062, 23.9381,
26.3458

■ 15.3904, 17.0821,
25.4080

■ 25.7550, 26.6501,
26.7086

■ 13.5233, 15.2007,
25.1433

■ 29.1266, 29.5860,
27.0976

■ 11.9206, 13.5087,
24.9012

■ 32.8309, 32.7516,
27.5133

■ 10.5679, 11.9978,
24.6809

■ 36.8773, 36.1525,
27.9565

■ 9.4491, 10.6588,
24.4814

■ 41.2747, 39.7942,
28.4277

■ 8.5461, 9.4815,
24.3017

■ 46.0320, 43.6819,
28.9273

■ 7.8381, 8.4539,
24.1407

■ 51.1573, 47.8207,
29.4561

■ 7.3171, 7.6369,
24.0105

■ 56.6589, 52.2154,
30.0144

Harmonies

Analogous

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



19.5847, 21.4429, 25.0140



19.9692, 21.4429, 26.0081



20.4699, 21.4429, 26.2774

Triad

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



19.9692, 21.4429, 26.0081



21.3797, 21.4429, 23.0938



19.8176, 21.4429, 21.1125

Complementary

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



19.9692, 21.4429, 26.0081



20.8428, 21.4286, 20.8073

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.



20.2920, 21.4429, 20.6442



19.9692, 21.4429, 26.0081



21.1983, 21.4429, 21.7570

Square

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



19.9692, 21.4429, 26.0081



21.2898, 21.4429, 24.5548



20.7981, 21.4429, 20.8752



19.4982, 21.4429, 22.1808

Rectangle

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



19.9692, 21.4429, 26.0081



20.8035, 21.4429, 26.0004



20.7981, 21.4429, 20.8752



19.9639, 21.4429, 20.8818

Sweetspot

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



19.9698, 21.4438, 26.0086



39.6597, 41.9637, 47.0579



20.1599, 22.8213, 22.9970



9.0972, 9.6391, 10.8874



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



19.9698, 21.4438, 26.0086



34.7656, 37.4779, 46.4500



19.0482, 19.6005, 25.7014



4.6495, 4.9746, 5.9159



6.7604, 7.0686, 22.1448



0.0306, 0.0388, 0.0791

Inverse Universe

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



20.6711, 20.1693, 23.5735



36.2539, 34.8146, 41.2732



21.8040, 23.3510, 21.1277



4.7811, 4.7321, 5.4597



10.5904, 5.3005, 7.6816



0.0403, 0.0198, 0.0456

Previews

White Background



This preview shows how the XYZ color 19.9692, 21.4429, 26.0081 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 19.9692, 21.4429, 26.0081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

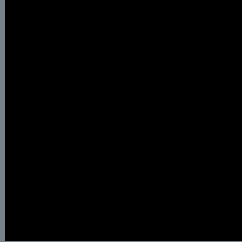
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

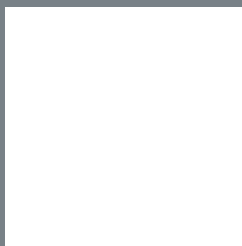
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.9692, 21.4429, 26.0081

Background



This preview shows how black text looks on a background with the XYZ color 19.9692, 21.4429, 26.0081.



This preview shows how white text looks on a background with the XYZ color 19.9692, 21.4429,

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

19.9692, 21.4429, 26.0081

Protanopia

20.7945, 21.4892, 25.6061

Deuteranopia

21.8049, 21.4271, 26.2792



Tritanopia

20.2645, 21.3674, 27.4824

Trichromacy



Original Color

19.9692, 21.4429, 26.0081

Protanomaly

20.4797, 21.5195, 25.6285

Deuteranomaly

21.1107, 21.4451, 26.3192

Tritanomaly

20.1918, 21.3383, 27.0992

Monochromacy



Original Color

19.9692, 21.4429, 26.0081

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.0606, 21.3351, 24.1799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9692, 21.4429, 26.0081 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(120, 129, 135)` looks like.

```
.text, #text, p{  
    color:rgb(120, 129, 135)  
}
```

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(120, 129, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 129, 135) }
```

Border

The CSS property to change the border of an element to XYZ 19.9692, 21.4429, 26.0081 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(120, 129, 135) }
```


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

```
.border{ border-color:rgb(120, 129, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 129, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 129, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 129, 135);  
box-shadow:4px 4px 4px 4px rgb(120, 129,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9692, 21.4429, 26.0081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 129, 135) }
```

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

```
.background{ background-color: rgb(120,  
129, 135) }
```

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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