

Converting Colors

XYZ(19.7521, 21.7899, 5.2626)

Have a look what the booklet for
XYZ(19.7521, 21.7899, 5.2626)
contains.

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Color

**XYZ(19.7521, 21.7899,
5.2626)**

Conversions

Conversions Part 1

Format	Color
Hex	908129
RGB	144, 129, 41
RGB Percent	56%, 51%, 16%
CMY	0.4353, 0.4941, 0.8392
CMYK	0.00, 0.10, 0.72, 0.44
HSL	51°, 56%, 36%
HSV	51°, 72%, 56%
XYZ	19.7521, 21.7899, 5.2626
YIQ	123.4530, 37.1880, -24.1880

Conversions

Conversions Part 2

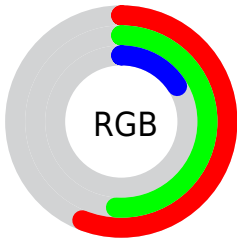
Format	Color
R_{YB}	59, 144, 41
Decimal	9470249
CIE _{Lab}	53.80, -4.72, 47.50
CIE _{LCh}	54, 47.732, 95.669
Yxy	21.7899, 0.4220, 0.4656
Android (android.graphics.Color)	4287660329 (0xFF908129)
YUV	123.4530, -40.6493, 18.0197
Hunter-Lab	46.6797, -6.1586, 25.9915

Details

The XYZ color **19.7521, 21.7899, 5.2626** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.3626, 5.3132, 27.0229**, and the grayscale version is **19.0988, 20.0935, 21.8818**.

A 20% lighter version of the original color is **42.4791, 46.5080, 16.8633**, and **7.0851, 7.9110, 1.1535** is the 20% darker color. If you saturate the color by 10%, you get **19.2722, 21.1614, 4.0818**, and if you desaturate by 10%, it is **20.3306, 22.4686, 6.9305**.

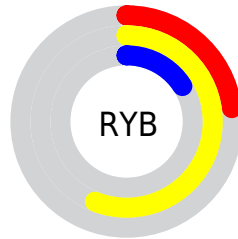
Distribution



Red (56%)

Green (51%)

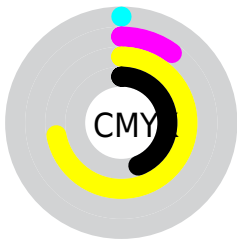
Blue (16%)



Red (23%)

Yellow (56%)

Blue (16%)

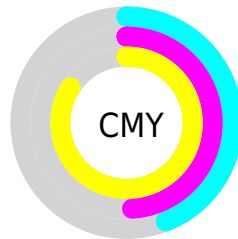


Cyan (0%)

Magenta (10%)

Yellow (72%)

Black (44%)



Cyan (44%)

Magenta (49%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7521, 21.7899, 5.2626 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 19.7521, 21.7899, 5.2626 by changing the saturation by 10% instead.

■ 19.7521, 21.7899,
5.2626

■ 19.7521, 21.7899,
5.2626

243.4291,
261.4471, 161.3675

■ 12.3222, 13.7026,
2.3407

■ 42.5083, 46.3985,
16.8304

■ 7.0373, 7.9141,
0.7539

■ 58.5653, 63.6886,
26.3135

■ 3.5319, 4.0400,
0.0000

■ 78.2287, 84.8151,
38.8206

■ 1.4409, 1.6960,
0.0000

■ 101.8638,
110.1623, 54.7705

■ 0.2851, 0.4211,
0.0000

■ 129.8361,
140.1148, 74.5816

■ 0.0000, 0.0000,
0.0000

■ 162.5108,

175.0568, 98.6724

200.2534,
215.3728, 127.4615

■ 19.7521, 21.7899,
5.2626

■ 19.7521, 21.7899,
5.2626

■ 19.2722, 21.1614,
4.0818

■ 20.3306, 22.4686,
6.9305

■ 18.8788, 20.5757,
3.3308

■ 21.0153, 23.1980,
9.1317

■ 18.5888, 20.1037,
2.9007

■ 21.8147, 23.9825,
11.9084

■ 22.7359, 24.8250,
15.2983

■ 23.7855, 25.7281,
19.3358

■ 24.9697, 26.6943,
24.0528

■ 26.2940, 27.7260,
29.4792

■ 27.7639, 28.8253,
35.6428

■ 29.3843, 29.9943,
42.5703

Harmonies

Analogous

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



25.0429, 21.7899, 6.1793



19.7521, 21.7899, 5.2626



15.4784, 21.7899, 7.3879

Triad

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



19.7521, 21.7899, 5.2626



13.6907, 21.7899, 44.2862



31.0528, 21.7899, 37.3598

Complementary

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



19.7521, 21.7899, 5.2626



7.3626, 5.3132, 27.0229

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.



27.0063, 21.7899, 54.8413



19.7521, 21.7899, 5.2626



16.9093, 21.7899, 59.8624

Square

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



19.7521, 21.7899, 5.2626



12.3691, 21.7899, 26.6249



21.6997, 21.7899, 64.3615



32.1491, 21.7899, 21.0446

Rectangle

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



19.7521, 21.7899, 5.2626



13.5907, 21.7899, 11.1007



21.6997, 21.7899, 64.3615



29.9632, 21.7899, 43.4722

Sweetspot

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



19.7526, 21.7909, 5.2630



41.9712, 45.3943, 34.1777



13.0195, 7.8053, 4.6200



9.5157, 10.3179, 7.4114



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.7526, 21.7909, 5.2630



33.5425, 36.6711, 6.2912



16.5518, 23.2916, 5.7214



5.7736, 6.1535, 5.7728



16.2006, 17.5330, 2.5303



0.1667, 0.1913, 0.0281

Inverse Universe

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



7.3626, 5.3132, 27.0229



10.4203, 5.9996, 47.1469



8.8918, 5.1796, 26.9165



5.1891, 5.3739, 6.7925



4.6282, 2.2425, 23.1660



0.0540, 0.0409, 0.2247

Previews

White Background



This preview shows how the XYZ color 19.7521, 21.7899, 5.2626 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 19.7521, 21.7899, 5.2626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

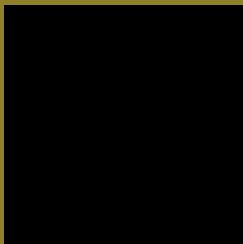
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

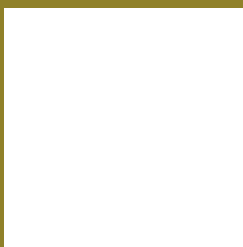
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.7521, 21.7899, 5.2626

Background



This preview shows how black text looks on a background with the XYZ color 19.7521, 21.7899, 5.2626.



This preview shows how white text looks on a background with the XYZ color 19.7521, 21.7899,

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

19.7521, 21.7899, 5.2626

Protanopia

19.7521, 21.7899, 5.2626

Deuteranopia

22.0935, 21.6706, 5.3039



Tritanopia

23.6291, 21.8658, 24.0942

Trichromacy



Original Color

19.7521, 21.7899, 5.2626

Protanomaly

19.7521, 21.7899, 5.2626

Deuteranomaly

21.2691, 21.8030, 5.2779

Tritanomaly

21.6250, 21.5930, 14.5834

Monochromacy



Original Color

19.7521, 21.7899, 5.2626

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.6695, 20.2828, 13.2869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7521, 21.7899, 5.2626 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(144, 129, 41)` looks like.

```
.text, #text, p{  
    color:rgb(144, 129, 41)  
}
```

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(144, 129, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 129, 41) }
```

Border

The CSS property to change the border of an element to XYZ 19.7521, 21.7899, 5.2626 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(144, 129, 41) }
```


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

```
.border{ border-color:rgb(144, 129, 41) }
```

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

Here you see how a box with a 4 pixel rgb(144, 129, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 129, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 129, 41);  
box-shadow:4px 4px 4px 4px rgb(144, 129,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7521, 21.7899, 5.2626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 129, 41) }
```

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

```
.background{ background-color: rgb(144,  
129, 41) }
```

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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