

Converting Colors

XYZ(19.6399, 21.4560, 8.9006)

Have a look what the booklet for
XYZ(19.6399, 21.4560, 8.9006)
contains.

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Color

**XYZ(19.6399, 21.4560,
8.9006)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8046
RGB	140, 128, 70
RGB Percent	55%, 50%, 27%
CMY	0.4510, 0.4980, 0.7255
CMYK	0.00, 0.09, 0.50, 0.45
HSL	50°, 33%, 41%
HSV	50°, 50%, 55%
XYZ	19.6399, 21.4560, 8.9006
YIQ	124.9760, 25.7700, -15.4940

Conversions

Conversions Part 2

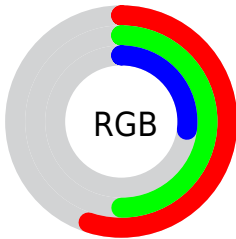
Format	Color
R_{YB}	84, 140, 70
Decimal	9207878
CIE _{Lab}	53.44, -3.73, 32.93
CIE _{LCh}	53, 33.144, 96.466
Yxy	21.4560, 0.3928, 0.4292
Android (android.graphics.Color)	4287397958 (0xFF8C8046)
YUV	124.9760, -27.1032, 13.1760
Hunter-Lab	46.3206, -5.3773, 21.0317

Details

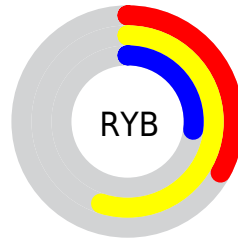
The XYZ color **19.6399, 21.4560, 8.9006** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **10.2766, 9.2298, 26.0508**, and the grayscale version is **19.5677, 20.5867, 22.4189**.

A 20% lighter version of the original color is **42.4197, 46.0059, 24.4136**, and **6.9751, 7.7285, 1.9347** is the 20% darker color. If you saturate the color by 10%, you get **18.9394, 20.6818, 6.7353**, and if you desaturate by 10%, it is **20.4519, 22.2883, 11.6119**.

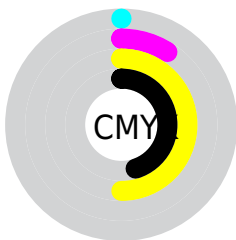
Distribution



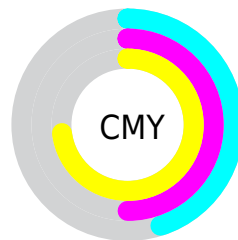
- Red (55%)
- Green (50%)
- Blue (27%)



- Red (33%)
- Yellow (55%)
- Blue (27%)



- Cyan (0%)
- Magenta (9%)
- Yellow (50%)
- Black (45%)



- Cyan (45%)
- Magenta (50%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6399, 21.4560, 8.9006 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 19.6399, 21.4560, 8.9006 by changing the saturation by 10% instead.

■ 19.6399, 21.4560,
8.9006

■ 19.6399, 21.4560,
8.9006

242.8298,
259.6920, 192.8253

■ 12.2403, 13.4577,
4.5805

■ 42.3212, 45.8452,
24.2806

■ 6.9809, 7.7445,
1.9489

■ 58.3336, 63.0050,
36.1776

■ 3.4964, 3.9319,
0.5236

■ 77.9476, 83.9873,
51.4373

■ 1.4214, 1.6355,
0.0000

■ 101.5286,
109.1767, 70.4783

■ 0.2714, 0.3814,
0.0000

■ 129.4420,
138.9574, 93.7190

■ 0.0000, 0.0000,
0.0000

162.0531,

173.7140, 121.5781

199.7273,
213.8307, 154.4740

■ 19.6399, 21.4560,
8.9006

■ 19.6399, 21.4560,
8.9006

■ 18.9394, 20.6818,
6.7353

■ 20.4519, 22.2883,
11.6119

■ 18.3416, 19.9595,
5.0765

■ 21.3804, 23.1783,
14.9026

■ 17.8386, 19.2869,
3.8812

■ 22.4321, 24.1296,
18.8048

■ 17.4209, 18.6600,
3.0991

■ 23.6125, 25.1445,
23.3480

■ 17.0615, 18.0679,
2.5883

■ 24.9271, 26.2252,
28.5597

■ 17.0614, 18.0679,
2.5882

■ 26.3806, 27.3737,
34.4657

■ 27.9779, 28.5920,
41.0907

■ 29.7234, 29.8820,
48.4579

■ 31.6214, 31.2454,
56.5897

Harmonies

Analogous

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



23.2196, 21.4560, 9.7070



19.6399, 21.4560, 8.9006



16.6262, 21.4560, 10.9751

Triad

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



19.6399, 21.4560, 8.9006



15.4161, 21.4560, 36.8940



27.2559, 21.4560, 31.9965

Complementary

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



19.6399, 21.4560, 8.9006



10.2766, 9.2298, 26.0508

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.



24.6903, 21.4560, 42.6957



19.6399, 21.4560, 8.9006



17.8062, 21.4560, 46.0454

Square

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



19.6399, 21.4560, 8.9006



14.3755, 21.4560, 25.6155



21.1657, 21.4560, 48.4282



27.8922, 21.4560, 21.2446

Rectangle

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



19.6399, 21.4560, 8.9006



15.2517, 21.4560, 14.1996



21.1657, 21.4560, 48.4282



26.5772, 21.4560, 35.8023

Sweetspot

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



19.6404, 21.4570, 8.9010



40.4946, 43.3654, 36.7610



14.5604, 10.5779, 9.4245



9.2429, 9.9163, 8.1331



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.6404, 21.4570, 8.9010



33.2480, 36.2968, 11.4566



17.9323, 23.0383, 9.2963



5.3594, 5.7016, 5.3704



15.1723, 16.0790, 2.3039



0.1097, 0.1246, 0.0183

Inverse Universe

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



10.2766, 9.2298, 26.0508



14.7938, 12.2206, 45.3221



11.3543, 8.5579, 25.8643



4.8395, 5.0219, 6.3201



4.5070, 2.2843, 22.2491



0.0374, 0.0302, 0.1503

Previews

White Background



This preview shows how the XYZ color 19.6399, 21.4560, 8.9006 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 19.6399, 21.4560, 8.9006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

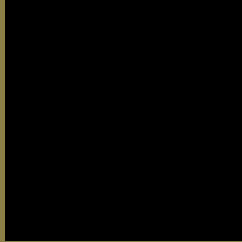
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.6399, 21.4560, 8.9006

Background



This preview shows how black text looks on a background with the XYZ color 19.6399, 21.4560, 8.9006.



This preview shows how white text looks on a background with the XYZ color 19.6399, 21.4560,

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

19.6399, 21.4560, 8.9006

Protanopia

19.8092, 21.5433, 8.9086

Deuteranopia

21.8072, 21.4419, 8.9506



Tritanopia

22.7207, 21.3974, 24.0517

Trichromacy



Original Color

19.6399, 21.4560, 8.9006

Protanomaly

19.8092, 21.5433, 8.9086

Deuteranomaly

20.9227, 21.3543, 8.9803

Tritanomaly

21.4160, 21.4273, 17.1945

Monochromacy



Original Color

19.6399, 21.4560, 8.9006

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.2166, 20.6875, 16.3449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6399, 21.4560, 8.9006 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(140, 128, 70)` looks like.

```
.text, #text, p{  
    color:rgb(140, 128, 70)  
}
```

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(140, 128, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 128, 70) }
```

Border

The CSS property to change the border of an element to XYZ 19.6399, 21.4560, 8.9006 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(140, 128, 70) }
```


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

```
.border{ border-color:rgb(140, 128, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 128, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 128, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 128, 70);  
box-shadow:4px 4px 4px 4px rgb(140, 128,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6399, 21.4560, 8.9006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 128, 70) }
```

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

```
.background{ background-color: rgb(140,  
128, 70) }
```

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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