

Converting Colors

XYZ(19.9206, 21.0920, 5.9270)

Have a look what the booklet for
XYZ(19.9206, 21.0920, 5.9270)
contains.

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Color

**XYZ(19.9206, 21.0920,
5.9270)**

Conversions

Conversions Part 1

Format	Color
Hex	937D31
RGB	147, 125, 49
RGB Percent	58%, 49%, 19%
CMY	0.4235, 0.5098, 0.8078
CMYK	0.00, 0.15, 0.67, 0.42
HSL	47°, 50%, 38%
HSV	47°, 67%, 58%
XYZ	19.9206, 21.0920, 5.9270
YIQ	122.9140, 37.5080, -18.9720

Conversions

Conversions Part 2

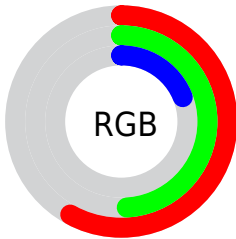
Format	Color
R _Y B	77, 147, 49
Decimal	9665841
CIE Lab	53.05, -0.63, 43.25
CIE LCh	53, 43.259, 90.832
Yxy	21.0920, 0.4244, 0.4493
Android (android.graphics.Color)	4287855921 (0xFF937D31)
YUV	122.9140, -36.4396, 21.1234
Hunter-Lab	45.9260, -2.9455, 24.4965

Details

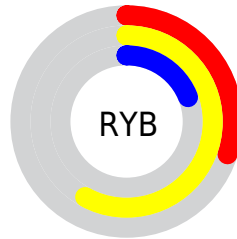
The XYZ color **19.9206, 21.0920, 5.9270** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **8.7863, 7.2658, 28.5429**, and the grayscale version is **18.9065, 19.8912, 21.6615**.

A 20% lighter version of the original color is **42.6029, 45.0416, 18.2529**, and **7.0986, 7.4960, 1.0727** is the 20% darker color. If you saturate the color by 10%, you get **19.2490, 20.1669, 4.4144**, and if you desaturate by 10%, it is **20.7083, 22.0874, 7.9781**.

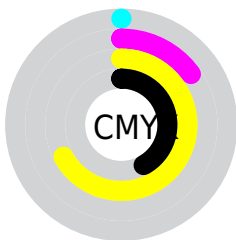
Distribution



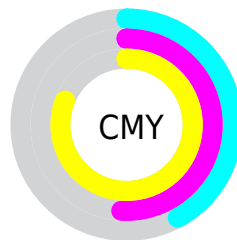
- Red (58%)
- Green (49%)
- Blue (19%)



- Red (30%)
- Yellow (58%)
- Blue (19%)



- Cyan (0%)
- Magenta (15%)
- Yellow (67%)
- Black (42%)



- Cyan (42%)
- Magenta (51%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9206, 21.0920, 5.9270 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 19.9206, 21.0920, 5.9270 by changing the saturation by 10% instead.

■ 19.9206, 21.0920,
5.9270

■ 19.9206, 21.0920,
5.9270

244.3267,
257.7670, 167.7013

■ 12.4453, 13.1913,
2.7327

■ 42.7890, 45.2406,
18.2542

■ 7.1220, 7.5604,
0.9598

■ 58.9127, 62.2573,
28.2242

■ 3.5855, 3.8150,
0.0000

■ 78.6500, 83.0813,
41.2898

■ 1.4704, 1.5706,
0.0000

■ 102.3662,
108.0972, 57.8696

■ 0.3056, 0.3377,
0.0000

■ 130.4266,
137.6894, 78.3821

■ 0.0000, 0.0000,
0.0000

■ 163.1966,

172.2421, 103.2459

201.0415,
212.1399, 132.8794

■ 19.9206, 21.0920,
5.9270

■ 19.9206, 21.0920,
5.9270

■ 19.2490, 20.1669,
4.4144

■ 20.7083, 22.0874,
7.9781

■ 18.6815, 19.3046,
3.3850

■ 21.6197, 23.1539,
10.6133

■ 18.2022, 18.4993,
2.7522

■ 22.6632, 24.2958,
13.8748

■ 18.0504, 18.2388,
2.5691

■ 23.8463, 25.5164,
17.8006

■ 25.1755, 26.8185,
22.4256

■ 26.6574, 28.2049,
27.7822

■ 28.2976, 29.6780,
33.9008

■ 30.1019, 31.2403,
40.8102

■ 32.0754, 32.8942,
48.5375

Harmonies

Analogous

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



24.6164, 21.0920, 7.3079



19.9206, 21.0920, 5.9270



15.8926, 21.0920, 7.4787

Triad

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



19.9206, 21.0920, 5.9270



13.4392, 21.0920, 38.3343



28.6899, 21.0920, 37.4548

Complementary

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



19.9206, 21.0920, 5.9270



8.7863, 7.2658, 28.5429

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.



24.8695, 21.0920, 51.8665



19.9206, 21.0920, 5.9270



16.0817, 21.0920, 52.4951

Square

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



19.9206, 21.0920, 5.9270



12.5156, 21.0920, 23.3312



20.1746, 21.0920, 58.1935



30.1195, 21.0920, 22.6039

Rectangle

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



19.9206, 21.0920, 5.9270



14.0052, 21.0920, 10.5052



20.1746, 21.0920, 58.1935



27.6168, 21.0920, 42.6834

Sweetspot

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



19.9211, 21.0930, 5.9274



44.1630, 47.1375, 36.9078



14.2964, 8.8660, 7.0662



9.9427, 10.6245, 7.9426



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.9211, 21.0930, 5.9274



33.9442, 35.3335, 6.8859



18.8546, 25.1444, 6.7656



6.1562, 6.5261, 6.1757



15.6678, 15.8500, 2.2336



0.2135, 0.2375, 0.0346

Inverse Universe

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



8.7863, 7.2658, 28.5429



12.5959, 8.9010, 50.4888



9.2771, 5.8047, 28.2350



5.5988, 5.8316, 7.3003



5.0533, 2.8014, 24.2054



0.0807, 0.0721, 0.3026

Previews

White Background



This preview shows how the XYZ color 19.9206, 21.0920, 5.9270 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 19.9206, 21.0920, 5.9270 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 19.9206, 21.0920, 5.9270

Background



This preview shows how black text looks on a background with the XYZ color 19.9206, 21.0920, 5.9270.



This preview shows how white text looks on a background with the XYZ color 19.9206, 21.0920,

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

19.9206, 21.0920, 5.9270

Protanopia

19.1496, 21.0718, 6.0756

Deuteranopia

21.5136, 21.1741, 5.9707



Tritanopia

23.2641, 21.0012, 22.5662

Trichromacy



Original Color

19.9206, 21.0920, 5.9270

Protanomaly

19.3643, 20.9916, 6.0488

Deuteranomaly

20.8617, 21.0194, 5.9752

Tritanomaly

21.6836, 20.8941, 14.4454

Monochromacy



Original Color

19.9206, 21.0920, 5.9270

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.8347, 20.1654, 13.9659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9206, 21.0920, 5.9270 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(147, 125, 49)` looks like.

```
.text, #text, p{  
    color:rgb(147, 125, 49)  
}
```

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(147, 125, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 125, 49) }
```

Border

The CSS property to change the border of an element to XYZ 19.9206, 21.0920, 5.9270 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(147, 125, 49) }
```


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

```
.border{ border-color:rgb(147, 125, 49) }
```

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

Here you see how a box with a 4 pixel rgb(147, 125, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 125, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 125, 49);  
box-shadow:4px 4px 4px 4px rgb(147, 125,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9206, 21.0920, 5.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 125, 49) }
```

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

```
.background{ background-color: rgb(147,  
125, 49) }
```

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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