

Converting Colors

XYZ(19.3553, 21.2845, 3.0882)

Have a look what the booklet for
XYZ(19.3553, 21.2845, 3.0882)
contains.

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Color

**XYZ(19.2664, 21.1985,
3.0763)**

Conversions

Conversions Part 1

Format	Color
Hex	917F00
RGB	145, 127, 0
RGB Percent	57%, 50%, 0%
CMY	0.4314, 0.5019, 1.0000
CMYK	0.00, 0.12, 1.00, 0.43
HSL	53°, 100%, 28%
HSV	53°, 100%, 57%
XYZ	19.2664, 21.1985, 3.0763
YIQ	117.9040, 51.4950, -35.6810

Conversions

Conversions Part 2

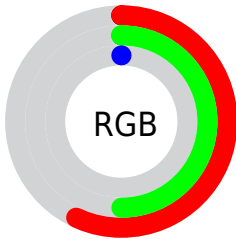
Format	Color
R_{YB}	21, 145, 0
Decimal	9535232
CIE Lab	53.17, -4.42, 58.34
CIE LCh	53, 58.504, 94.329
Yxy	21.1985, 0.4425, 0.4869
Android (android.graphics.Color)	4287725312 (0xFF917F00)
YUV	117.9040, -58.1267, 23.7632
Hunter-Lab	46.0418, -5.8791, 28.2678

Details

The XYZ color **19.2664, 21.1985, 3.0763** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5.3273, 2.4771, 26.9851**, and the grayscale version is **17.3556, 18.2595, 19.8845**.

A 20% lighter version of the original color is **41.7618, 45.3420, 11.8610**, and **6.9408, 7.6224, 1.1055** is the 20% darker color. If you saturate the color by 10%, you get **19.2667, 21.1992, 3.0764**, and if you desaturate by 10%, it is **19.5841, 21.7017, 3.5905**.

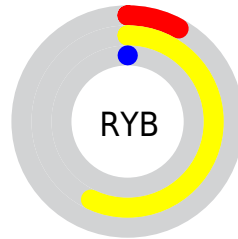
Distribution



Red (57%)

Green (50%)

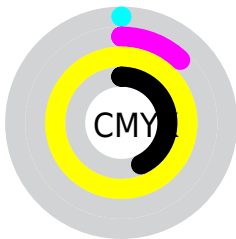
Blue (0%)



Red (8%)

Yellow (57%)

Blue (0%)

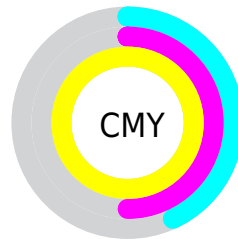


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (43%)



Cyan (43%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2664, 21.1985, 3.0763 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 19.2664, 21.1985, 3.0763 by changing the saturation by 10% instead.

■ 19.2664, 21.1985,
3.0763

■ 19.2664, 21.1985,
3.0763

240.8255,
258.3315, 137.3266

■ 11.9681, 13.2692,
1.1337

■ 41.6972, 45.4177,
11.8161

■ 6.7940, 7.6142,
0.0000

■ 57.5603, 62.4763,
19.4505

■ 3.3788, 3.8491,
0.0000

■ 77.0091, 83.3468,
29.8192

■ 1.3571, 1.5895,
0.0000

■ 100.4090,
108.4136, 43.3407

■ 0.2253, 0.3505,
0.0000

■ 128.1252,
138.0611, 60.4337

■ 0.0000, 0.0000,
0.0000

■ 160.5231,

172.6736, 81.5166

■ 197.9681,
212.6357, 107.0081

■ 19.2664, 21.1985,
3.0763

■ 19.2664, 21.1985,
3.0763

■ 19.2667, 21.1992,
3.0764

■ 19.5841, 21.7017,
3.5905

■ 19.9619, 22.2347,
4.4026

■ 20.4284, 22.8099,
5.6609

■ 20.9940, 23.4315,
7.4205

■ 21.6678, 24.1032,
9.7287

■ 22.4577, 24.8281,
12.6274

■ 23.3709, 25.6092,
16.1544

■ 24.4140, 26.4491,
20.3442

■ 25.5931, 27.3503,
25.2289

Harmonies

Analogous

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



25.7363, 21.1985, 4.0065



19.2664, 21.1985, 3.0763



14.1722, 21.1985, 4.8586

Triad

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



19.2664, 21.1985, 3.0763



11.8546, 21.1985, 48.0284



32.8418, 21.1985, 41.1473

Complementary

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



19.2664, 21.1985, 3.0763



5.3273, 2.4771, 26.9851

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.



27.6055, 21.1985, 64.0361



19.2664, 21.1985, 3.0763



15.4344, 21.1985, 69.2334

Square

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



19.2664, 21.1985, 3.0763



10.4841, 21.1985, 25.7419



21.0572, 21.1985, 76.2291



34.4419, 21.1985, 20.6112

Rectangle

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



19.2664, 21.1985, 3.0763



11.9669, 21.1985, 8.3987



21.0572, 21.1985, 76.2291



31.4026, 21.1985, 49.0988

Sweetspot

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



19.2669, 21.1995, 3.0767



41.7442, 45.7714, 28.4967



11.7975, 6.0681, 1.1810



9.1454, 10.0636, 5.7888



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.



19.2669, 21.1995, 3.0767



34.4176, 37.7919, 5.4806



14.5226, 22.5175, 3.5812



5.7832, 6.1728, 5.7760



16.5387, 18.2090, 2.6430



0.1685, 0.1948, 0.0287

Inverse Universe

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



5.3273, 2.4771, 26.9851



9.4676, 4.2907, 48.3027



6.5882, 2.8061, 26.9821



5.1802, 5.3562, 6.7896



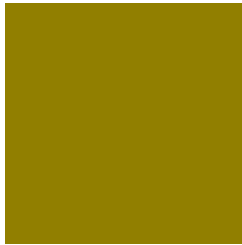
4.5807, 2.1474, 23.1501



0.0522, 0.0374, 0.2241

Previews

White Background



This preview shows how the XYZ color 19.2664, 21.1985, 3.0763 looks on a white background.

Color Contrast Check

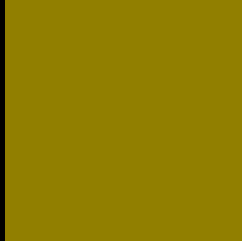
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2664, 21.1985, 3.0763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

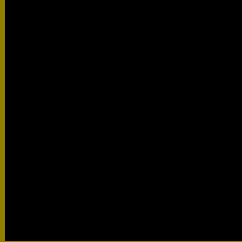
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.2664, 21.1985, 3.0763

Background



This preview shows how black text looks on a background with the XYZ color 19.2664, 21.1985, 3.0763.

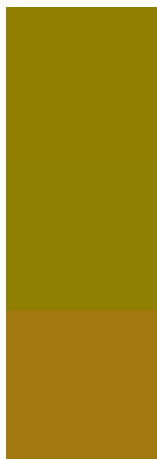


This preview shows how white text looks on a background with the XYZ color 19.2664, 21.1985,

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

19.2664, 21.1985, 3.0763

Protanopia

19.2372, 21.3742, 3.1979

Deuteranopia

21.6215, 21.2863, 3.4210



Tritanopia

23.2581, 21.1646, 22.9380

Trichromacy



Original Color

19.2664, 21.1985, 3.0763

Protanomaly

19.2317, 21.3720, 3.1690

Deuteranomaly

20.6553, 21.1564, 3.2821

Tritanomaly

20.7170, 20.6584, 10.6801

Monochromacy



Original Color

19.2664, 21.1985, 3.0763

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.0095, 18.7719, 9.3835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2664, 21.1985, 3.0763 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(145, 127, 0)` looks like.

```
.text, #text, p{  
    color:rgb(145, 127, 0)  
}
```

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(145, 127, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 127, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.2664, 21.1985, 3.0763 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(145, 127, 0) }
```


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

```
.border{ border-color:rgb(145, 127, 0) }
```

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

Here you see how a box with a 4 pixel rgb(145, 127, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 127, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 127, 0);  
box-shadow:4px 4px 4px 4px rgb(145, 127,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2664, 21.1985, 3.0763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 127, 0) }
```

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

```
.background{ background-color: rgb(145,  
127, 0) }
```

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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