

Converting Colors

XYZ(19.0347, 22.1696, 7.5509)

Have a look what the booklet for
XYZ(19.0347, 22.1696, 7.5509)
contains.

XYZ(19.0347, 22.1696, 7.5509)	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(19.0347, 22.1696,
7.5509)**

Conversions

Conversions Part 1

Format	Color
Hex	86853C
RGB	134, 133, 60
RGB Percent	53%, 52%, 24%
CMY	0.4745, 0.4784, 0.7647
CMYK	0.00, 0.01, 0.55, 0.47
HSL	59°, 38%, 38%
HSV	59°, 55%, 53%
XYZ	19.0347, 22.1696, 7.5509
YIQ	124.9770, 24.0290, -22.4910

Conversions

Conversions Part 2

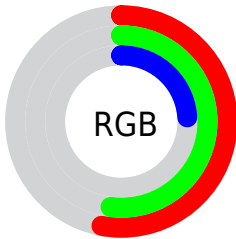
Format	Color
RYB	61, 134, 60
Decimal	8815932
CIELab	54.21, -10.08, 38.88
CIELCh	54, 40.163, 104.540
Yxy	22.1696, 0.3904, 0.4547
Android (android.graphics.Color)	4287006012 (0xFF86853C)
YUV	124.9770, -32.0337, 7.9132
Hunter-Lab	47.0846, -10.2366, 23.4510

Details

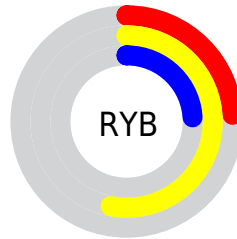
The XYZ color **19.0347, 22.1696, 7.5509** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7.8354, 6.0193, 23.3032**, and the grayscale version is **19.5845, 20.6044, 22.4382**.

A 20% lighter version of the original color is **41.3596, 47.0624, 21.6559**, and **6.6993, 8.1542, 1.4793** is the 20% darker color. If you saturate the color by 10%, you get **18.7000, 21.9970, 5.9077**, and if you desaturate by 10%, it is **19.4603, 22.3802, 9.6676**.

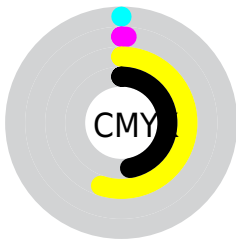
Distribution



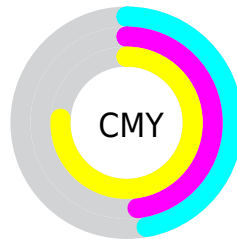
- Red (53%)
- Green (52%)
- Blue (24%)



- Red (24%)
- Yellow (53%)
- Blue (24%)



- Cyan (0%)
- Magenta (1%)
- Yellow (55%)
- Black (47%)



- Cyan (47%)
- Magenta (48%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0347, 22.1696, 7.5509 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 19.0347, 22.1696, 7.5509 by changing the saturation by 10% instead.

■ 19.0347, 22.1696,
7.5509

■ 19.0347, 22.1696,
7.5509

■ 239.5747,
263.4307, 181.9668

■ 11.7995, 13.9816,
3.7253

■ 41.3091, 47.0261,
21.6046

■ 6.6785, 8.1078,
1.4759

■ 57.0791, 64.4635,
32.6699

■ 3.3064, 4.1640,
0.1999

■ 76.4247, 85.7527,
46.9855

■ 1.3178, 1.7657,
0.0000

■ 99.7113, 111.2781,
64.9699

■ 0.1965, 0.4657,
0.0000

■ 127.3042,
141.4243, 87.0417

■ 0.0000, 0.0000,
0.0000

■ 159.5689,

176.5755, 113.6194

196.8706,
217.1162, 145.1216

■ 19.0347, 22.1696,
7.5509

■ 19.0347, 22.1696,
7.5509

■ 18.7000, 21.9970,
5.9077

■ 19.4603, 22.3802,
9.6676

■ 18.4476, 21.8566,
4.7002

■ 19.9813, 22.6283,
12.2891

■ 18.2701, 21.7462,
3.8871

■ 20.6040, 22.9171,
15.4455

■ 18.1561, 21.6613,
3.4080

■ 21.3334, 23.2486,
19.1642

■ 18.1093, 21.6239,
3.2194

■ 22.1746, 23.6249,
23.4708

■ 23.1320, 24.0478,
28.3893

■ 24.2099, 24.5190,
33.9422

■ 25.4124, 25.0400,
40.1512

■ 26.7435, 25.6126,
47.0367

Harmonies

Analogous

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



23.3881, 22.1696, 7.5971



19.0347, 22.1696, 7.5509



15.7177, 22.1696, 10.7437

Triad

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



19.0347, 22.1696, 7.5509



15.6394, 22.1696, 45.2183



30.2362, 22.1696, 31.1273

Complementary

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



19.0347, 22.1696, 7.5509



7.8354, 6.0193, 23.3032

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.



27.5209, 22.1696, 45.6346



19.0347, 22.1696, 7.5509



18.9132, 22.1696, 55.4924

Square

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



19.0347, 22.1696, 7.5509



13.9491, 22.1696, 30.6874



23.2487, 22.1696, 55.6667



30.2806, 22.1696, 18.5953

Rectangle

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



19.0347, 22.1696, 7.5509



14.3680, 22.1696, 15.2130



23.2487, 22.1696, 55.6667



29.5905, 22.1696, 36.0115

Sweetspot

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



19.0352, 22.1706, 7.5514



37.2944, 40.8294, 32.2695



12.2962, 8.6398, 5.4678



8.3531, 9.1763, 7.0199



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



19.0352, 22.1706, 7.5514



32.8360, 38.6964, 9.8702



14.4031, 19.9863, 7.3739



5.0345, 5.4126, 5.0088



16.9717, 20.2660, 3.0172



0.0592, 0.0711, 0.0106

Inverse Universe

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



7.8354, 6.0193, 23.3032



11.0247, 7.2452, 40.5558



10.7186, 7.4274, 23.4231



4.4391, 4.5539, 5.8458



4.0516, 1.6511, 21.2418



0.0143, 0.0063, 0.0737

Previews

White Background



This preview shows how the XYZ color 19.0347, 22.1696, 7.5509 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 19.0347, 22.1696, 7.5509 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 19.0347, 22.1696, 7.5509

Background



This preview shows how black text looks on a background with the XYZ color 19.0347, 22.1696, 7.5509.



This preview shows how white text looks on a background with the XYZ color 19.0347, 22.1696,

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

19.0347, 22.1696, 7.5509

Protanopia

20.2736, 22.2103, 7.3562

Deuteranopia

22.4774, 21.9984, 7.7641



Tritanopia

22.6913, 22.0792, 25.9874

Trichromacy



Original Color

19.0347, 22.1696, 7.5509

Protanomaly

19.7209, 22.1238, 7.3686

Deuteranomaly

21.2214, 22.1059, 7.7058

Tritanomaly

20.9072, 21.9243, 17.3172

Monochromacy



Original Color

19.0347, 22.1696, 7.5509

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.9702, 20.9671, 15.3591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0347, 22.1696, 7.5509 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(134, 133, 60)` looks like.

```
.text, #text, p{  
    color:rgb(134, 133, 60)  
}
```

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(134, 133, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 133, 60) }
```

Border

The CSS property to change the border of an element to XYZ 19.0347, 22.1696, 7.5509 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(134, 133, 60) }
```


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

```
.border{ border-color:rgb(134, 133, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 133, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 133, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 133, 60);  
box-shadow:4px 4px 4px 4px rgb(134, 133,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0347, 22.1696, 7.5509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 133, 60) }
```

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

```
.background{ background-color: rgb(134,  
133, 60) }
```

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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