

Converting Colors

XYZ(19.5877, 22.5997, 4.9340)

Have a look what the booklet for
XYZ(19.5877, 22.5997, 4.9340)
contains.

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Color

**XYZ(19.5061, 22.4719,
4.8995)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8523
RGB	140, 133, 35
RGB Percent	55%, 52%, 14%
CMY	0.4510, 0.4784, 0.8627
CMYK	0.00, 0.05, 0.75, 0.45
HSL	56°, 60%, 34%
HSV	56°, 75%, 55%
XYZ	19.5061, 22.4719, 4.8995
YIQ	123.9210, 35.6300, -28.9940

Conversions

Conversions Part 2

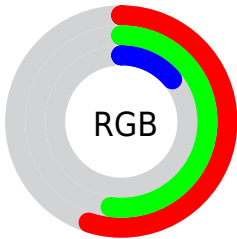
Format	Color
R_{YB}	43, 140, 35
Decimal	9209123
CIE Lab	54.52, -9.06, 50.46
CIE LCh	55, 51.263, 100.176
Yxy	22.4719, 0.4161, 0.4794
Android (android.graphics.Color)	4287399203 (0xFF8C8523)
YUV	123.9210, -43.8381, 14.1013
Hunter-Lab	47.4045, -9.5084, 27.0553

Details

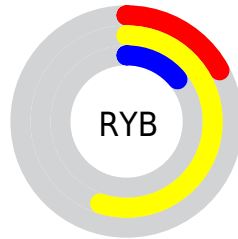
The XYZ color **19.5061, 22.4719, 4.8995** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6.2547, 3.9066, 25.2351**, and the grayscale version is **19.2656, 20.2689, 22.0728**.

A 20% lighter version of the original color is **42.0442, 47.5417, 15.9773**, and **7.0081, 8.3191, 1.2364** is the 20% darker color. If you saturate the color by 10%, you get **19.2114, 22.1515, 3.9727**, and if you desaturate by 10%, it is **19.8859, 22.8299, 6.2646**.

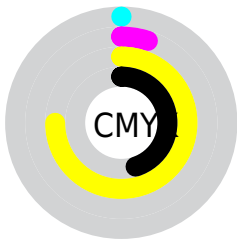
Distribution



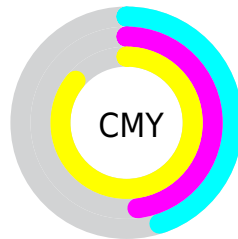
- Red (55%)
- Green (52%)
- Blue (14%)



- Red (17%)
- Yellow (55%)
- Blue (14%)



- Cyan (0%)
- Magenta (5%)
- Yellow (75%)
- Black (45%)



- Cyan (45%)
- Magenta (48%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5061, 22.4719, 4.8995 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 19.5061, 22.4719, 4.8995 by changing the saturation by 10% instead.

■ 19.5061, 22.4719,
4.8995

■ 19.5061, 22.4719,
4.8995

242.1135,
265.0008, 157.7526

■ 12.1427, 14.2041,
2.1307

■ 42.0979, 47.5247,
16.0362

■ 6.9138, 8.2627,
0.6340

■ 58.0569, 65.0785,
25.2412

■ 3.4541, 4.2635,
0.0000

■ 77.6119, 86.4963,
37.4288

■ 1.3982, 1.8220,
0.0000

■ 101.1282,
112.1627, 53.0173

■ 0.2550, 0.5009,
0.0000

■ 128.9712,
142.4619, 72.4254

■ 0.0000, 0.0000,
0.0000

■ 161.5061,

177.7784, 96.0716

199.0985,
218.4966, 124.3745

■ 19.5061, 22.4719,
4.8995

■ 19.5061, 22.4719,
4.8995

■ 19.2114, 22.1515,
3.9727

■ 19.8859, 22.8299,
6.2646

■ 18.9884, 21.8606,
3.4198

■ 20.3582, 23.2259,
8.1131

■ 18.8874, 21.7201,
3.1969

■ 20.9311, 23.6639,
10.4861

■ 21.6116, 24.1468,
13.4199

■ 22.4059, 24.6771,
16.9476

■ 23.3199, 25.2571,
21.0996

■ 24.3589, 25.8889,
25.9045

■ 25.5281, 26.5747,
31.3888

■ 26.8321, 27.3162,
37.5777

Harmonies

Analogous

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



25.2370, 22.4719, 5.3752



19.5061, 22.4719, 4.8995



15.1186, 22.4719, 7.6216

Triad

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



19.5061, 22.4719, 4.8995



14.1207, 22.4719, 50.3555



33.2222, 22.4719, 36.5352

Complementary

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



19.5061, 22.4719, 4.8995



6.2547, 3.9066, 25.2351

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.



29.1160, 22.4719, 56.5481



19.5061, 22.4719, 4.8995



17.8999, 22.4719, 66.6538

Square

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



19.5061, 22.4719, 4.8995



12.3908, 22.4719, 30.3529



23.3254, 22.4719, 69.3161



33.8577, 22.4719, 19.3977

Rectangle

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



19.5061, 22.4719, 4.8995



13.2889, 22.4719, 12.0786



23.3254, 22.4719, 69.3161



32.1719, 22.4719, 43.3117

Sweetspot

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



19.5066, 22.4730, 4.9000



39.8912, 43.7582, 31.6285



11.8342, 6.9448, 2.9075



9.1089, 10.0293, 6.9137



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.



19.5066, 22.4730, 4.9000



33.5890, 38.6961, 6.2756



14.3490, 21.2836, 4.9422



5.4030, 5.7889, 5.3850



16.7882, 19.3107, 2.8425



0.1155, 0.1362, 0.0202

Inverse Universe

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



6.2547, 3.9066, 25.2351



9.0354, 4.3447, 44.1053



8.6855, 4.8231, 25.2838



4.7997, 4.9423, 6.3068



4.3019, 1.8742, 22.1807



0.0316, 0.0186, 0.1484

Previews

White Background



This preview shows how the XYZ color 19.5061, 22.4719, 4.8995 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 19.5061, 22.4719, 4.8995 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 19.5061, 22.4719, 4.8995

Background



This preview shows how black text looks on a background with the XYZ color 19.5061, 22.4719, 4.8995.



This preview shows how white text looks on a background with the XYZ color 19.5061, 22.4719,

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

19.5061, 22.4719, 4.8995

Protanopia

20.2591, 22.4591, 4.7806

Deuteranopia

22.8837, 22.4543, 5.0475



Tritanopia

23.7235, 22.4324, 25.6338

Trichromacy



Original Color

19.5061, 22.4719, 4.8995

Protanomaly

20.0416, 22.5473, 4.8091

Deuteranomaly

21.4568, 22.2872, 5.0047

Tritanomaly

21.4710, 22.0803, 14.6856

Monochromacy



Original Color

19.5061, 22.4719, 4.8995

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.7271, 20.6973, 13.1332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5061, 22.4719, 4.8995 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, 133, 35)` looks like.

```
.text, #text, p{  
    color:rgb(140, 133, 35)  
}
```

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, 133, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 133, 35) }
```

Border

The CSS property to change the border of an element to XYZ 19.5061, 22.4719, 4.8995 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, 133, 35) }
```


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

```
.border{ border-color:rgb(140, 133, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 133, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 133, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 133, 35);  
box-shadow:4px 4px 4px 4px rgb(140, 133,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5061, 22.4719, 4.8995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 133, 35) }
```

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

```
.background{ background-color: rgb(140,  
133, 35) }
```

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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