

Converting Colors

XYZ(19.4790, 21.6879, 13.3448)

Have a look what the booklet for
XYZ(19.4790, 21.6879, 13.3448)
contains.

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Color

**XYZ(19.4301, 21.6435,
13.2788)**

Conversions

Conversions Part 1

Format	Color
Hex	84825C
RGB	132, 130, 92
RGB Percent	52%, 51%, 36%
CMY	0.4824, 0.4902, 0.6392
CMYK	0.00, 0.02, 0.30, 0.48
HSL	57°, 18%, 44%
HSV	57°, 30%, 52%
XYZ	19.4301, 21.6435, 13.2788
YIQ	126.2660, 13.3900, -11.3940

Conversions

Conversions Part 2

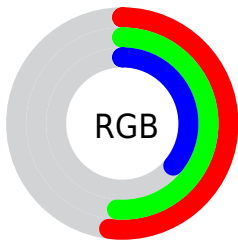
Format	Color
RYB	94, 132, 92
Decimal	8684124
CIELab	53.65, -5.66, 20.90
CIELCh	54, 21.652, 105.149
Yxy	21.6435, 0.3575, 0.3982
Android (android.graphics.Color)	4286874204 (0xFF84825C)
YUV	126.2660, -16.8931, 5.0287
Hunter-Lab	46.5226, -6.8642, 15.6428

Details

The XYZ color **19.4301, 21.6435, 13.2788** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.5812, 11.9464, 23.4726**, and the grayscale version is **19.9748, 21.0150, 22.8853**.

A 20% lighter version of the original color is **42.1411, 46.2892, 32.7002**, and **6.9152, 7.8760, 3.7405** is the 20% darker color. If you saturate the color by 10%, you get **18.8155, 21.2586, 10.4710**, and if you desaturate by 10%, it is **20.1469, 22.0717, 16.6174**.

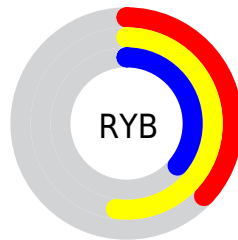
Distribution



Red (52%)

Green (51%)

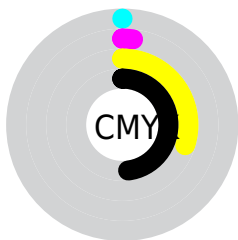
Blue (36%)



Red (37%)

Yellow (52%)

Blue (36%)

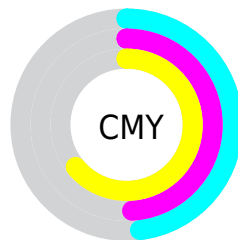


Cyan (0%)

Magenta (2%)

Yellow (30%)

Black (48%)



Cyan (48%)

Magenta (49%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4301, 21.6435, 13.2788 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 19.4301, 21.6435, 13.2788 by changing the saturation by 10% instead.

■ 19.4301, 21.6435,
13.2788

■ 19.4301, 21.6435,
13.2788

241.7058,
260.6788, 223.9670

■ 12.0873, 13.5952,
7.4878

■ 41.9709, 46.1561,
32.5023

■ 6.8758, 7.8397,
3.6860

■ 57.8996, 63.3891,
46.7718

■ 3.4302, 3.9925,
1.4547

■ 77.4210, 84.4525,
64.7047

■ 1.3851, 1.6694,
0.1838

■ 100.9005,
109.7307, 86.7193

■ 0.2456, 0.4037,
0.0000

128.7033,
139.6080, 113.2344

■ 0.0000, 0.0000,
0.0000

161.1949,

174.4689, 144.6683

198.7406,
214.6977, 181.4397

■ 19.4301, 21.6435,
13.2788

■ 19.4301, 21.6435,
13.2788

■ 18.8155, 21.2586,
10.4710

■ 20.1469, 22.0717,
16.6174

■ 18.2963, 20.9121,
8.1650

■ 20.9692, 22.5421,
20.5108

■ 17.8673, 20.6025,
6.3314

■ 21.9019, 23.0577,
24.9833

■ 17.5223, 20.3274,
4.9371

■ 22.9494, 23.6201,
30.0574

■ 17.2541, 20.0839,
3.9446

■ 24.1157, 24.2309,
35.7544

■ 17.0544, 19.8687,
3.3103

■ 25.4047, 24.8917,
42.0944

■ 16.9016, 19.6772,
2.9073

■ 26.8200, 25.6039,
49.0968

■ 28.3651, 26.3689,
56.7801

■ 30.0434, 27.1882,
65.1620

Harmonies

Analogous

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



21.7336, 21.6435, 13.2671



19.4301, 21.6435, 13.2788



17.5745, 21.6435, 15.6705

Triad

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



19.4301, 21.6435, 13.2788



17.5893, 21.6435, 33.8078



25.1808, 21.6435, 26.9867

Complementary

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



19.4301, 21.6435, 13.2788



12.5812, 11.9464, 23.4726

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.



23.8911, 21.6435, 33.7483



19.4301, 21.6435, 13.2788



19.4516, 21.6435, 38.1601

Square

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



19.4301, 21.6435, 13.2788



16.5673, 21.6435, 27.0568



21.7567, 21.6435, 38.1365



25.1740, 21.6435, 20.3893

Rectangle

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



19.4301, 21.6435, 13.2788



16.7911, 21.6435, 18.6045



21.7567, 21.6435, 38.1365



24.8805, 21.6435, 29.3396

Sweetspot

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



19.4307, 21.6445, 13.2793



37.1084, 39.8040, 36.9464



15.3634, 13.3683, 12.3606



8.5935, 9.2414, 8.3822



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.



19.4307, 21.6445, 13.2793



33.5029, 37.6768, 20.0718



17.1226, 20.8527, 13.2481



5.0204, 5.3843, 5.0040



16.3661, 19.0548, 2.8154



0.0582, 0.0690, 0.0103

Inverse Universe

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



12.5812, 11.9464, 23.4726



19.5254, 17.8875, 40.8767



14.4226, 12.6355, 23.5085



4.4517, 4.5791, 5.8500



4.1031, 1.7540, 21.2590



0.0154, 0.0084, 0.0740

Previews

White Background



This preview shows how the XYZ color 19.4301, 21.6435, 13.2788 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 19.4301, 21.6435, 13.2788 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 19.4301, 21.6435, 13.2788

Background



This preview shows how black text looks on a background with the XYZ color 19.4301, 21.6435, 13.2788.



This preview shows how white text looks on a background with the XYZ color 19.4301, 21.6435,

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

19.4301, 21.6435, 13.2788

Protanopia

20.0887, 21.5969, 13.0074

Deuteranopia

22.0522, 21.6495, 13.6062



Tritanopia

21.9532, 21.7068, 25.5870

Trichromacy



Original Color

19.4301, 21.6435, 13.2788

Protanomaly

19.8919, 21.6901, 13.0357

Deuteranomaly

21.1137, 21.7318, 13.4378

Tritanomaly

20.9108, 21.6615, 20.5317

Monochromacy



Original Color

19.4301, 21.6435, 13.2788

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.5287, 20.9828, 18.9404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4301, 21.6435, 13.2788 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(132, 130, 92)` looks like.

```
.text, #text, p{  
    color:rgb(132, 130, 92)  
}
```

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(132, 130, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 130, 92) }
```

Border

The CSS property to change the border of an element to XYZ 19.4301, 21.6435, 13.2788 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(132, 130, 92) }
```


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

```
.border{ border-color:rgb(132, 130, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 130, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 130, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 130, 92);  
box-shadow:4px 4px 4px 4px rgb(132, 130,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4301, 21.6435, 13.2788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 130, 92) }
```

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

```
.background{ background-color: rgb(132,  
130, 92) }
```

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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