

Converting Colors

XYZ(19.1639, 21.3551, 13.1354)

Have a look what the booklet for
XYZ(19.1639, 21.3551, 13.1354)
contains.

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Color

**XYZ(19.1421, 21.2985,
13.2273)**

Conversions

Conversions Part 1

Format	Color
Hex	83815C
RGB	131, 129, 92
RGB Percent	51%, 51%, 36%
CMY	0.4863, 0.4941, 0.6392
CMYK	0.00, 0.02, 0.30, 0.49
HSL	57°, 17%, 44%
HSV	57°, 30%, 51%
XYZ	19.1421, 21.2985, 13.2273
YIQ	125.3800, 13.0690, -11.0830

Conversions

Conversions Part 2

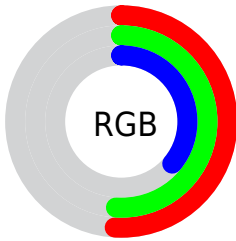
Format	Color
RYB	94, 131, 92
Decimal	8618332
CIELab	53.27, -5.52, 20.39
CIElCh	53, 21.120, 105.143
Yxy	21.2985, 0.3567, 0.3969
Android (android.graphics.Color)	4286808412 (0xFF83815C)
YUV	125.3800, -16.4563, 4.9287
Hunter-Lab	46.1503, -6.7253, 15.3119

Details

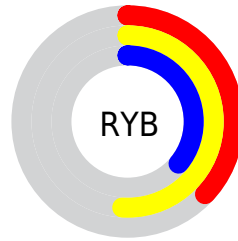
The XYZ color **19.1421, 21.2985, 13.2273** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.5130, 11.9191, 23.1140**, and the grayscale version is **19.6723, 20.6968, 22.5388**.

A 20% lighter version of the original color is **41.4530, 45.6294, 32.6091**, and **6.7551, 7.6839, 3.7119** is the 20% darker color. If you saturate the color by 10%, you get **18.5304, 20.9137, 10.4384**, and if you desaturate by 10%, it is **19.8545, 21.7260, 16.5390**.

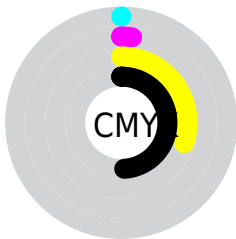
Distribution



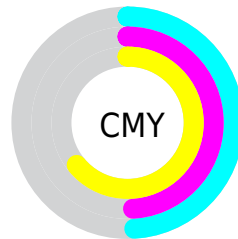
- Red (51%)
- Green (51%)
- Blue (36%)



- Red (37%)
- Yellow (51%)
- Blue (36%)



- Cyan (0%)
- Magenta (2%)
- Yellow (30%)
- Black (49%)



- Cyan (49%)
- Magenta (49%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1421, 21.2985, 13.2273 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 19.1421, 21.2985, 13.2273 by changing the saturation by 10% instead.

■ 19.1421, 21.2985,
13.2273

■ 19.1421, 21.2985,
13.2273

240.1552,
258.8606, 223.6281

■ 11.8776, 13.3424,
7.4527

■ 41.4891, 45.5838,
32.4087

■ 6.7320, 7.6647,
3.6641

■ 57.3023, 62.6817,
46.6526

■ 3.3399, 3.8812,
1.4429

■ 76.6958, 83.5958,
64.5566

■ 1.3360, 1.6073,
0.1749

■ 100.0350,
108.7102, 86.5393

■ 0.2099, 0.3625,
0.0000

127.6851,
138.4096, 113.0193

■ 0.0000, 0.0000,
0.0000

160.0117,

173.0781, 144.4150

197.3799,
213.1004, 181.1451

■ 19.1421, 21.2985,
13.2273

■ 19.1421, 21.2985,
13.2273

■ 18.5304, 20.9137,
10.4384

■ 19.8545, 21.7260,
16.5390

■ 18.0128, 20.5666,
8.1439

■ 20.6707, 22.1953,
20.3969

■ 17.5841, 20.2561,
6.3152

■ 21.5957, 22.7090,
24.8250

■ 17.2383, 19.9796,
4.9200

■ 22.6337, 23.2688,
29.8450

■ 16.9683, 19.7344,
3.9217

■ 23.7886, 23.8764,
35.4779

■ 16.7663, 19.5173,
3.2780

■ 25.0642, 24.5331,
41.7435

■ 16.6081, 19.3186,
2.8622

■ 26.4641, 25.2405,
48.6605

■ 16.6045, 19.3141,
2.8528

■ 27.9917, 26.0000,
56.2472

■ 29.6503, 26.8127,
64.5210

Harmonies

Analogous

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



21.3651, 21.2985, 13.2164



19.1421, 21.2985, 13.2273



17.3488, 21.2985, 15.5507

Triad

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



19.1421, 21.2985, 13.2273



17.3625, 21.2985, 33.0495



24.6857, 21.2985, 26.4899

Complementary

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



19.1421, 21.2985, 13.2273



12.5130, 11.9191, 23.1140

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.



23.4437, 21.2985, 32.9946



19.1421, 21.2985, 13.2273



19.1621, 21.2985, 37.2290

Square

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



19.1421, 21.2985, 13.2273



16.3739, 21.2985, 26.5548



21.3865, 21.2985, 37.2072



24.6794, 21.2985, 20.1230

Rectangle

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



19.1421, 21.2985, 13.2273



16.5909, 21.2985, 18.3942



21.3865, 21.2985, 37.2072



24.3966, 21.2985, 28.7554

Sweetspot

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



19.1426, 21.2995, 13.2277



37.1047, 39.7965, 36.9451



15.2348, 13.2988, 12.4956



8.5926, 9.2394, 8.3819



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.



19.1426, 21.2995, 13.2277



33.4882, 37.6475, 20.0670



17.0007, 20.5896, 13.2036



5.0199, 5.3833, 5.0039



16.3452, 19.0129, 2.8084



0.0582, 0.0690, 0.0102

Inverse Universe

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



12.5130, 11.9191, 23.1140



19.5342, 17.9051, 40.8796



14.2185, 12.5381, 23.1435



4.4522, 4.5800, 5.8501



4.1049, 1.7576, 21.2596



0.0154, 0.0084, 0.0740

Previews

White Background



This preview shows how the XYZ color 19.1421, 21.2985, 13.2273 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 19.1421, 21.2985, 13.2273 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

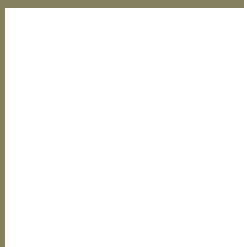
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.1421, 21.2985, 13.2273

Background



This preview shows how black text looks on a background with the XYZ color 19.1421, 21.2985, 13.2273.



This preview shows how white text looks on a background with the XYZ color 19.1421, 21.2985,

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

19.1421, 21.2985, 13.2273

Protanopia

19.7942, 21.2524, 12.9564

Deuteranopia

21.5130, 21.1934, 13.3128



Tritanopia

21.5946, 21.3430, 25.1718

Trichromacy



Original Color

19.1421, 21.2985, 13.2273

Protanomaly

19.5992, 21.3446, 12.9845

Deuteranomaly

20.6371, 21.2972, 13.3790

Tritanomaly

20.5624, 21.2980, 20.1667

Monochromacy



Original Color

19.1421, 21.2985, 13.2273

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.1939, 20.6260, 18.5924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1421, 21.2985, 13.2273 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(131, 129, 92)` looks like.

```
.text, #text, p{  
    color:rgb(131, 129, 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(131, 129, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 129, 92) }
```

Border

The CSS property to change the border of an element to XYZ 19.1421, 21.2985, 13.2273 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(131, 129, 92) }
```


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

```
.border{ border-color:rgb(131, 129, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 129, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 129, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 129, 92);  
box-shadow:4px 4px 4px 4px rgb(131, 129,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1421, 21.2985, 13.2273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 129, 92) }
```

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

```
.background{ background-color: rgb(131,  
129, 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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