

Converting Colors

XYZ(19.2838, 21.1455, 14.6204)

Have a look what the booklet for
XYZ(19.2838, 21.1455, 14.6204)
contains.

XYZ(19.2838, 21.1455, 14.6204)	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(19.2838, 21.1455,
14.6204)**

Conversions

Conversions Part 1

Format	Color
Hex	838062
RGB	131, 128, 98
RGB Percent	51%, 50%, 38%
CMY	0.4863, 0.4980, 0.6157
CMYK	0.00, 0.02, 0.25, 0.49
HSL	55°, 14%, 45%
HSV	55°, 25%, 51%
XYZ	19.2838, 21.1455, 14.6204
YIQ	125.4770, 11.4180, -8.6940

Conversions

Conversions Part 2

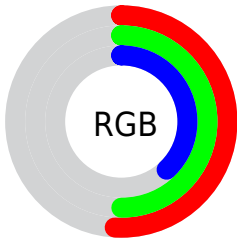
Format	Color
RYB	101, 131, 98
Decimal	8618082
CIELab	53.11, -4.08, 16.74
CIELCh	53, 17.227, 103.696
Yxy	21.1455, 0.3503, 0.3841
Android (android.graphics.Color)	4286808162 (0xFF838062)
YUV	125.4770, -13.5462, 4.8437
Hunter-Lab	45.9842, -5.6172, 13.3381

Details

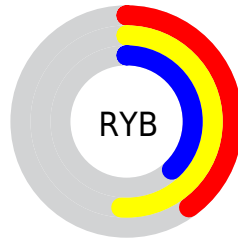
The XYZ color **19.2838, 21.1455, 14.6204** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.7873, 13.5422, 23.3599**, and the grayscale version is **19.6960, 20.7217, 22.5660**.

A 20% lighter version of the original color is **41.7159, 45.4080, 34.9997**, and **6.7869, 7.5803, 4.2374** is the 20% darker color. If you saturate the color by 10%, you get **18.5612, 20.6104, 11.5737**, and if you desaturate by 10%, it is **20.1106, 21.7266, 18.2019**.

Distribution



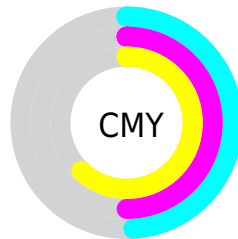
- Red (51%)
- Green (50%)
- Blue (38%)



- Red (40%)
- Yellow (51%)
- Blue (38%)



- Cyan (0%)
- Magenta (2%)
- Yellow (25%)
- Black (49%)



- Cyan (49%)
- Magenta (50%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2838, 21.1455, 14.6204 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 19.2838, 21.1455, 14.6204 by changing the saturation by 10% instead.

■ 19.2838, 21.1455,
14.6204

■ 19.2838, 21.1455,
14.6204

240.9192,
258.0507, 232.6180

■ 11.9807, 13.2304,
8.4098

■ 41.7263, 45.3296,
34.9187

■ 6.8027, 7.5874,
4.2667

■ 57.5964, 62.3673,
49.8434

■ 3.3842, 3.8321,
1.7728

■ 77.0530, 83.2147,
68.5099

■ 1.3601, 1.5801,
0.4099

■ 100.4613,
108.2562, 91.3368

■ 0.2275, 0.3441,
0.0000

128.1867,
137.8762, 118.7424

■ 0.0000, 0.0000,
0.0000

160.5946,

172.4590, 151.1455

198.0503,
212.3890, 188.9645

■ 19.2838, 21.1455,
14.6204

■ 19.2838, 21.1455,
14.6204

■ 18.5612, 20.6104,
11.5737

■ 20.1106, 21.7266,
18.2019

■ 17.9362, 20.1165,
9.0345

■ 21.0445, 22.3528,
22.3409

■ 17.4041, 19.6627,
6.9751

■ 22.0903, 23.0267,
27.0606

■ 16.9589, 19.2465,
5.3649

■ 23.2523, 23.7500,
32.3825

■ 16.5941, 18.8653,
4.1693

■ 24.5342, 24.5242,
38.3267

■ 16.3023, 18.5162,
3.3490

■ 25.9396, 25.3508,
44.9128

■ 16.0724, 18.1947,
2.8458

■ 27.4723, 26.2312,
52.1592

■ 15.9695, 18.0441,
2.6412

■ 29.1354, 27.1668,
60.0837

■ 30.9323, 28.1589,
68.7035

Harmonies

Analogous

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



21.0931, 21.1455, 14.7075



19.2838, 21.1455, 14.6204



17.7842, 21.1455, 16.5319

Triad

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



19.2838, 21.1455, 14.6204



17.6810, 21.1455, 30.6349



23.6341, 21.1455, 25.9428

Complementary

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



19.2838, 21.1455, 14.6204



13.7873, 13.5422, 23.3599

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.



22.6046, 21.1455, 31.0254



19.2838, 21.1455, 14.6204



19.1350, 21.1455, 34.0004

Square

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



19.2838, 21.1455, 14.6204



16.8971, 21.1455, 25.4702



20.9351, 21.1455, 34.1532



23.6799, 21.1455, 20.7394

Rectangle

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



19.2838, 21.1455, 14.6204



17.1315, 21.1455, 18.8760



20.9351, 21.1455, 34.1532



23.3890, 21.1455, 27.7388

Sweetspot

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



19.2843, 21.1464, 14.6208



37.1648, 39.6847, 37.6809



16.0916, 14.5064, 14.3413



8.5996, 9.2040, 8.5367



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.



19.2843, 21.1464, 14.6208



33.7995, 37.3312, 23.0649



17.7650, 20.9520, 14.6634



5.0046, 5.3527, 4.9988



15.7206, 17.7638, 2.6002



0.0571, 0.0668, 0.0099

Inverse Universe

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



13.7873, 13.5422, 23.3599



22.2649, 21.3764, 41.4057



15.0453, 13.7668, 23.3369



4.4660, 4.6076, 5.8547



4.1618, 1.8714, 21.2786



0.0165, 0.0106, 0.0744

Previews

White Background



This preview shows how the XYZ color 19.2838, 21.1455, 14.6204 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 19.2838, 21.1455, 14.6204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

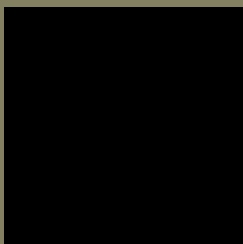
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

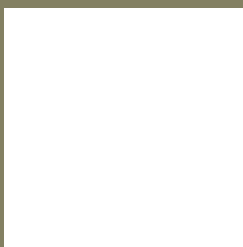
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2838, 21.1455, 14.6204

Background



This preview shows how black text looks on a background with the XYZ color 19.2838, 21.1455, 14.6204.



This preview shows how white text looks on a background with the XYZ color 19.2838, 21.1455,

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

19.2838, 21.1455, 14.6204

Protanopia

19.7387, 21.1927, 14.3595

Deuteranopia

21.4244, 21.1158, 14.7510



Tritanopia

21.3083, 21.0103, 25.1226

Trichromacy



Original Color

19.2838, 21.1455, 14.6204

Protanomaly

19.5786, 21.1101, 14.3520

Deuteranomaly

20.6151, 21.0669, 14.7842

Tritanomaly

20.5553, 21.0916, 20.7570

Monochromacy



Original Color

19.2838, 21.1455, 14.6204

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.3078, 20.6715, 19.1920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2838, 21.1455, 14.6204 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, 128, 98)` looks like.

```
.text, #text, p{  
    color:rgb(131, 128, 98)  
}
```

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, 128, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 128, 98) }
```

Border

The CSS property to change the border of an element to XYZ 19.2838, 21.1455, 14.6204 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, 128, 98) }
```


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

```
.border{ border-color:rgb(131, 128, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 128, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 128, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 128, 98);  
box-shadow:4px 4px 4px 4px rgb(131, 128,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2838, 21.1455, 14.6204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 128, 98) }
```

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

```
.background{ background-color: rgb(131,  
128, 98) }
```

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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