

Converting Colors

XYZ(20.5463, 20.3342, 13.1979)

Have a look what the booklet for
XYZ(20.5463, 20.3342, 13.1979)
contains.

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Color

**XYZ(20.5463, 20.3342,
13.1979)**

Conversions

Conversions Part 1

Format	Color
Hex	92785D
RGB	146, 120, 93
RGB Percent	57%, 47%, 36%
CMY	0.4275, 0.5294, 0.6353
CMYK	0.00, 0.18, 0.36, 0.43
HSL	31°, 22%, 47%
HSV	31°, 36%, 57%
XYZ	20.5463, 20.3342, 13.1979
YIQ	124.6960, 24.1630, -2.8850

Conversions

Conversions Part 2

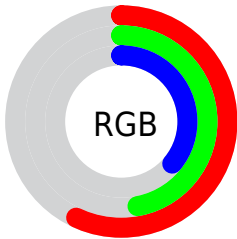
Format	Color
R_YB	144, 146, 93
Decimal	9599069
CIE _{Lab}	52.21, 6.06, 18.63
CIE _{LCh}	52, 19.589, 71.988
Yxy	20.3342, 0.3799, 0.3760
Android (android.graphics.Color)	4287789149 (0xFF92785D)
YUV	124.6960, -15.6261, 18.6836
Hunter-Lab	45.0935, 2.4179, 14.2125

Details

The XYZ color **20.5463, 20.3342, 13.1979** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.2992, 17.5956, 29.7314**, and the grayscale version is **19.4363, 20.4485, 22.2685**.

A 20% lighter version of the original color is **43.7978, 43.9057, 32.1529**, and **7.4465, 7.2196, 3.6904** is the 20% darker color. If you saturate the color by 10%, you get **19.1312, 18.4419, 9.8347**, and if you desaturate by 10%, it is **22.1504, 22.4067, 17.2338**.

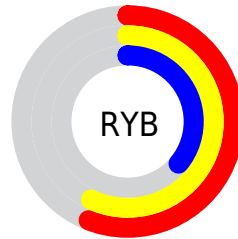
Distribution



Red (57%)

Green (47%)

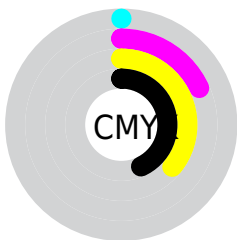
Blue (36%)



Red (56%)

Yellow (57%)

Blue (36%)

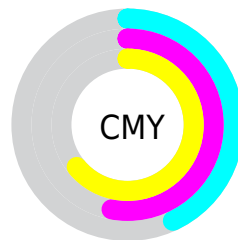


Cyan (0%)

Magenta (18%)

Yellow (36%)

Black (43%)



Cyan (43%)

Magenta (53%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5463, 20.3342, 13.1979 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 20.5463, 20.3342, 13.1979 by changing the saturation by 10% instead.

■ 20.5463, 20.3342,
13.1979

■ 20.5463, 20.3342,
13.1979

247.6350,
253.7186, 223.4343

■ 12.9033, 12.6382,
7.4326

■ 43.8282, 43.9768,
32.3552

■ 7.4386, 7.1799,
3.6516

■ 60.1979, 60.6922,
46.5844

■ 3.7866, 3.5749,
1.4362

■ 80.2071, 81.1828,
64.4720

■ 1.5821, 1.4387,
0.1697

■ 104.2214,
105.8331, 86.4364

■ 0.3807, 0.2450,
0.0000

132.6059,
135.0274, 112.8963

■ 0.0000, 0.0000,
0.0000

165.7261,

169.1502, 144.2703

203.9474,
208.5858, 180.9767

■ 20.5463, 20.3342,
13.1979

■ 20.5463, 20.3342,
13.1979

■ 19.1312, 18.4419,
9.8347

■ 22.1504, 22.4067,
17.2338

■ 17.8950, 16.7213,
7.1052

■ 23.9497, 24.6617,
21.9757

■ 16.8291, 15.1673,
4.9686

■ 25.9522, 27.1054,
27.4562

■ 15.9233, 13.7735,
3.3785

■ 28.1647, 29.7425,
33.7057

■ 15.1660, 12.5327,
2.2816

■ 30.5939, 32.5777,
40.7526

■ 14.5400, 11.4355,
1.5960

■ 33.2460, 35.6154,
48.6240

■ 14.3287, 11.0602,
1.3796

■ 36.1270, 38.8598,
57.3457

■ 39.2427, 42.3152,
66.9423

■ 42.5986, 45.9856,
77.4375

Harmonies

Analogous

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



22.3429, 20.3342, 15.5334



20.5463, 20.3342, 13.1979



18.5357, 20.3342, 12.9859

Triad

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



20.5463, 20.3342, 13.1979



15.7892, 20.3342, 24.5189



22.0282, 20.3342, 31.4237

Complementary

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



20.5463, 20.3342, 13.1979



16.2992, 17.5956, 29.7314

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.



20.1406, 20.3342, 34.8215



20.5463, 20.3342, 13.1979



16.5956, 20.3342, 30.3969

Square

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



20.5463, 20.3342, 13.1979



15.8812, 20.3342, 18.8928



18.1570, 20.3342, 34.4162



23.2384, 20.3342, 25.7406

Rectangle

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



20.5463, 20.3342, 13.1979



17.3520, 20.3342, 14.0203



18.1570, 20.3342, 34.4162



21.4465, 20.3342, 32.9119

Sweetspot

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



20.5468, 20.3351, 13.1983



43.9983, 45.6530, 43.5109



19.1285, 15.2839, 19.5527



9.6955, 10.0431, 9.4270



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.5468, 20.3351, 13.1983



34.0822, 32.9860, 18.1170



24.1088, 27.4591, 14.3856



6.0304, 6.2746, 6.1337



12.6317, 9.7777, 1.2215



0.1841, 0.1786, 0.0248

Inverse Universe

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



16.2992, 17.5956, 29.7314



25.3981, 27.3859, 51.9209



13.6171, 12.2314, 28.8374



5.7203, 6.0745, 7.3407



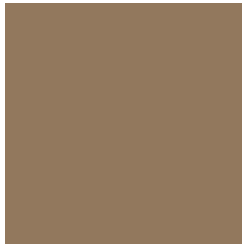
6.6053, 5.9055, 24.7228



0.1102, 0.1310, 0.3124

Previews

White Background



This preview shows how the XYZ color 20.5463, 20.3342, 13.1979 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 20.5463, 20.3342, 13.1979 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 20.5463, 20.3342, 13.1979

Background



This preview shows how black text looks on a background with the XYZ color 20.5463, 20.3342, 13.1979.



This preview shows how white text looks on a background with the XYZ color 20.5463, 20.3342,

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

20.5463, 20.3342, 13.1979

Protanopia

19.0720, 20.4800, 13.7743

Deuteranopia

20.7249, 20.4263, 13.2063



Tritanopia

22.3415, 20.3610, 22.1546

Trichromacy



Original Color

20.5463, 20.3342, 13.1979

Protanomaly

19.5846, 20.3773, 13.4907

Deuteranomaly

20.7249, 20.4263, 13.2063

Tritanomaly

21.5547, 20.2107, 18.3878

Monochromacy



Original Color

20.5463, 20.3342, 13.1979

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.7365, 20.3447, 18.5095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5463, 20.3342, 13.1979 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(146, 120, 93)` looks like.

```
.text, #text, p{  
    color:rgb(146, 120, 93)  
}
```

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(146, 120, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 120, 93) }
```

Border

The CSS property to change the border of an element to XYZ 20.5463, 20.3342, 13.1979 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(146, 120, 93) }
```


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

```
.border{ border-color:rgb(146, 120, 93) }
```

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

Here you see how a box with a 4 pixel rgb(146, 120, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 120, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 120, 93);  
box-shadow:4px 4px 4px 4px rgb(146, 120,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5463, 20.3342, 13.1979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 120, 93) }
```

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

```
.background{ background-color: rgb(146,  
120, 93) }
```

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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