

Converting Colors

XYZ(19.9056, 20.2065, 10.9556)

Have a look what the booklet for
XYZ(19.9056, 20.2065, 10.9556)
contains.

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Color

**XYZ(19.9003, 20.2286,
11.0393)**

Conversions

Conversions Part 1

Format	Color
Hex	907953
RGB	144, 121, 83
RGB Percent	56%, 47%, 33%
CMY	0.4353, 0.5255, 0.6745
CMYK	0.00, 0.16, 0.42, 0.44
HSL	37°, 27%, 45%
HSV	37°, 42%, 56%
XYZ	19.9003, 20.2286, 11.0393
YIQ	123.5450, 25.9060, -6.9420

Conversions

Conversions Part 2

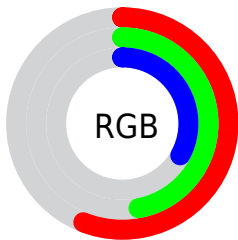
Format	Color
R_{YB}	120, 144, 83
Decimal	9468243
CIE _{Lab}	52.09, 3.39, 24.15
CIE _{LCh}	52, 24.382, 82.011
Yxy	20.2286, 0.3889, 0.3953
Android (android.graphics.Color)	4287658323 (0xFF907953)
YUV	123.5450, -19.9887, 17.9390
Hunter-Lab	44.9762, 0.2712, 16.9308

Details

The XYZ color **19.9003, 20.2286, 11.0393** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.7552, 14.1602, 28.3937**, and the grayscale version is **19.0656, 20.0585, 21.8437**.

A 20% lighter version of the original color is **42.7304, 43.7227, 28.3775**, and **7.1301, 7.1740, 2.7592** is the 20% darker color. If you saturate the color by 10%, you get **18.7600, 18.7471, 8.1954**, and if you desaturate by 10%, it is **21.1943, 21.8324, 14.5047**.

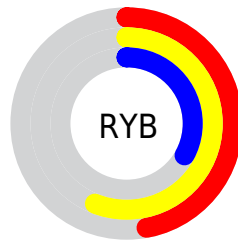
Distribution



Red (56%)

Green (47%)

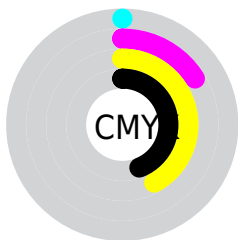
Blue (33%)



Red (47%)

Yellow (56%)

Blue (33%)

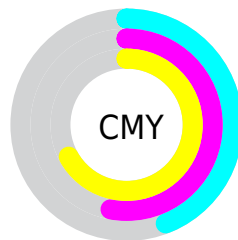


Cyan (0%)

Magenta (16%)

Yellow (42%)

Black (44%)



Cyan (44%)

Magenta (53%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9003, 20.2286, 11.0393 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 19.9003, 20.2286, 11.0393 by changing the saturation by 10% instead.

■ 19.9003, 20.2286,
11.0393

■ 19.9003, 20.2286,
11.0393

244.2187,
253.1500, 208.6841

■ 12.4304, 12.5613,
5.9788

■ 42.7552, 43.8001,
28.3706

■ 7.1118, 7.1272,
2.7636

■ 58.8709, 60.4731,
41.4784

■ 3.5791, 3.5418,
0.9752

■ 78.5993, 80.9169,
58.1057

■ 1.4669, 1.4207,
0.0000

■ 102.3057,
105.5157, 78.6711

■ 0.3031, 0.2319,
0.0000

■ 130.3555,
134.6541, 103.5931

■ 0.0000, 0.0000,
0.0000

163.1141,

168.7163, 133.2903

200.9467,
208.0868, 168.1811

■ 19.9003, 20.2286,
11.0393

■ 19.9003, 20.2286,
11.0393

■ 18.7600, 18.7471,
8.1954

■ 21.1943, 21.8324,
14.5047

■ 17.7639, 17.3811,
5.9335

■ 22.6476, 23.5596,
18.6251

■ 16.9041, 16.1269,
4.2117

■ 24.2674, 25.4147,
23.4334

■ 16.1707, 14.9798,
2.9817

■ 26.0599, 27.4010,
28.9595

■ 15.5523, 13.9341,
2.1865

■ 28.0311, 29.5219,
35.2318

■ 15.1336, 13.1933,
1.7489

■ 30.1864, 31.7804,
42.2772

■ 32.5314, 34.1794,
50.1209

■ 35.0709, 36.7220,
58.7875

■ 37.8100, 39.4108,
68.3000

Harmonies

Analogous

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



22.3293, 20.2286, 12.8839



19.9003, 20.2286, 11.0393



17.4862, 20.2286, 11.5955

Triad

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



19.9003, 20.2286, 11.0393



15.1177, 20.2286, 27.5793



23.2557, 20.2286, 31.5975

Complementary

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



19.9003, 20.2286, 11.0393



13.7552, 14.1602, 28.3937

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.



21.0790, 20.2286, 37.3546



19.9003, 20.2286, 11.0393



16.4257, 20.2286, 34.7076

Square

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



19.9003, 20.2286, 11.0393



14.8613, 20.2286, 20.1729



18.5684, 20.2286, 38.6014



24.3728, 20.2286, 23.9882

Rectangle

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



19.9003, 20.2286, 11.0393



16.1948, 20.2286, 13.3218



18.5684, 20.2286, 38.6014



22.6152, 20.2286, 33.8758

Sweetspot

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



19.9008, 20.2295, 11.0397



42.5308, 44.5197, 40.5109



17.2165, 13.1646, 15.3743



9.6167, 10.0546, 8.8796



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.



19.9008, 20.2295, 11.0397



33.1476, 33.1447, 14.5964



21.8320, 25.8795, 12.0285



5.6710, 5.9483, 5.7386



13.2017, 11.5351, 1.5307



0.1475, 0.1528, 0.0217

Inverse Universe

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



13.7552, 14.1602, 28.3937



20.8042, 20.9662, 49.4884



12.3553, 10.3799, 27.7378



5.2858, 5.5674, 6.8248



5.5654, 4.1168, 23.4784



0.0732, 0.0794, 0.2311

Previews

White Background



This preview shows how the XYZ color 19.9003, 20.2286, 11.0393 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 19.9003, 20.2286, 11.0393 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 19.9003, 20.2286, 11.0393

Background



This preview shows how black text looks on a background with the XYZ color 19.9003, 20.2286, 11.0393.



This preview shows how white text looks on a background with the XYZ color 19.9003, 20.2286,

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

19.9003, 20.2286, 11.0393

Protanopia

18.7996, 20.2063, 11.2969

Deuteranopia

20.5526, 20.2077, 11.0009



Tritanopia

22.1598, 20.2674, 22.1461

Trichromacy



Original Color

19.9003, 20.2286, 11.0393

Protanomaly

19.1644, 20.2093, 11.2782

Deuteranomaly

20.3104, 20.2605, 11.0238

Tritanomaly

21.3255, 20.2857, 17.5434

Monochromacy



Original Color

19.9003, 20.2286, 11.0393

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.2033, 20.0953, 17.3347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9003, 20.2286, 11.0393 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(144, 121, 83)` looks like.

```
.text, #text, p{  
    color:rgb(144, 121, 83)  
}
```

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(144, 121, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 121, 83) }
```

Border

The CSS property to change the border of an element to XYZ 19.9003, 20.2286, 11.0393 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(144, 121, 83) }
```


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

```
.border{ border-color:rgb(144, 121, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 121, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 121, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 121, 83);  
box-shadow:4px 4px 4px 4px rgb(144, 121,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9003, 20.2286, 11.0393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 121, 83) }
```

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

```
.background{ background-color: rgb(144,  
121, 83) }
```

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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