

Converting Colors

XYZ(20.5275, 18.6512, 13.2906)

Have a look what the booklet for
XYZ(20.5275, 18.6512, 13.2906)
contains.

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Color

**XYZ(20.5904, 18.6535,
13.3417)**

Conversions

Conversions Part 1

Format	Color
Hex	986E5F
RGB	152, 110, 95
RGB Percent	60%, 43%, 37%
CMY	0.4039, 0.5686, 0.6274
CMYK	0.00, 0.28, 0.37, 0.40
HSL	16°, 23%, 48%
HSV	16°, 37%, 60%
XYZ	20.5904, 18.6535, 13.3417
YIQ	120.8480, 29.8470, 4.2390

Conversions

Conversions Part 2

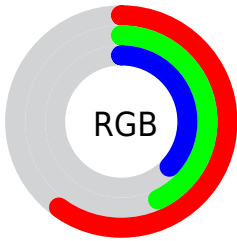
Format	Color
R_{YB}	152, 115, 95
Decimal	9989727
CIE _{Lab}	50.28, 14.61, 14.94
CIE _{LCh}	50, 20.892, 45.641
Yxy	18.6535, 0.3916, 0.3547
Android (android.graphics.Color)	4288179807 (0xFF986E5F)
YUV	120.8480, -12.7431, 27.3203
Hunter-Lab	43.1897, 9.5167, 11.9176

Details

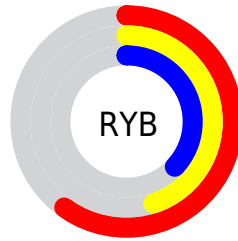
The XYZ color **20.5904, 18.6535, 13.3417** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.3321, 22.5904, 33.0473**, and the grayscale version is **18.1584, 19.1040, 20.8043**.

A 20% lighter version of the original color is **44.0436, 41.2949, 32.4374**, and **7.4226, 6.3196, 3.7343** is the 20% darker color. If you saturate the color by 10%, you get **18.8329, 16.1384, 9.6733**, and if you desaturate by 10%, it is **22.6364, 21.5298, 17.7718**.

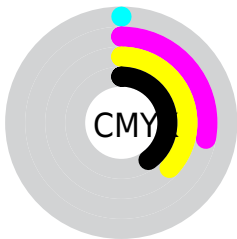
Distribution



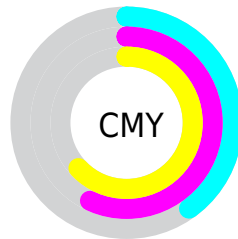
- Red (60%)
- Green (43%)
- Blue (37%)



- Red (60%)
- Yellow (45%)
- Blue (37%)



- Cyan (0%)
- Magenta (28%)
- Yellow (37%)
- Black (40%)



- Cyan (40%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5904, 18.6535, 13.3417 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 20.5904, 18.6535, 13.3417 by changing the saturation by 10% instead.

■ 20.5904, 18.6535,
13.3417

■ 20.5904, 18.6535,
13.3417

247.8667,
244.5292, 224.3803

■ 12.9357, 11.4202,
7.5308

■ 43.9013, 41.1478,
32.6165

■ 7.4610, 6.3502,
3.7128

■ 60.2881, 57.1775,
46.9174

■ 3.8009, 3.0592,
1.4691

■ 80.3164, 76.9082,
64.8853

■ 1.5901, 1.1627,
0.1948

■ 104.3515,
100.7241, 86.9389

■ 0.3860, 0.0309,
0.0000

132.7587,
129.0098, 113.4967

■ 0.0000, 0.0000,
0.0000

165.9034,

162.1496, 144.9772

204.1510,
200.5279, 181.7988

■ 20.5904, 18.6535,
13.3417

■ 20.5904, 18.6535,
13.3417

■ 18.8329, 16.1384,
9.6733

■ 22.6364, 21.5298,
17.7718

■ 17.3490, 13.9674,
6.7222

■ 24.9822, 24.7782,
23.0025

■ 16.1243, 12.1257,
4.4409

■ 27.6400, 28.4126,
29.0713

■ 15.1428, 10.5966,
2.7758

■ 30.6210, 32.4453,
36.0128

■ 14.3860, 9.3616,
1.6649

■ 33.9358, 36.8880,
43.8600

■ 13.8267, 8.3977,
1.0013

■ 37.5946, 41.7519,
52.6439

■ 13.7080, 8.1936,
0.8590

■ 41.6071, 47.0480,
62.3942

■ 45.9825, 52.7865,
73.1391

■ 50.7297, 58.9775,
84.9058

Harmonies

Analogous

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



21.7451, 18.6535, 17.4527



20.5904, 18.6535, 13.3417



18.7118, 18.6535, 11.3174

Triad

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



20.5904, 18.6535, 13.3417



14.2221, 18.6535, 17.6713



18.7991, 18.6535, 33.0368

Complementary

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



20.5904, 18.6535, 13.3417



19.3321, 22.5904, 33.0473

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.



16.7824, 18.6535, 33.1261



20.5904, 18.6535, 13.3417



14.2416, 18.6535, 23.4643

Square

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



20.5904, 18.6535, 13.3417



15.0915, 18.6535, 13.4754



15.1469, 18.6535, 29.3614



20.6585, 18.6535, 29.1365

Rectangle

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



20.5904, 18.6535, 13.3417



17.3500, 18.6535, 11.1195



15.1469, 18.6535, 29.3614



18.1147, 18.6535, 33.5352

Sweetspot

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



20.5909, 18.6544, 13.3421



46.9791, 47.6872, 47.1581



21.6106, 16.6877, 26.0321



10.5455, 10.6580, 10.4161



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.5909, 18.6544, 13.3421



33.7124, 29.1651, 18.0379



24.0672, 25.6070, 14.5008



6.3345, 6.4740, 6.5216



11.5164, 6.9151, 0.7278



0.1987, 0.1565, 0.0197

Inverse Universe

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



19.3321, 22.5904, 33.0473



31.1485, 37.1119, 57.9553



15.8823, 15.6908, 31.8973



6.2470, 6.7513, 7.9028



9.6356, 11.6678, 26.6520



0.1730, 0.2323, 0.4081

Previews

White Background



This preview shows how the XYZ color 20.5904, 18.6535, 13.3417 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 20.5904, 18.6535, 13.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

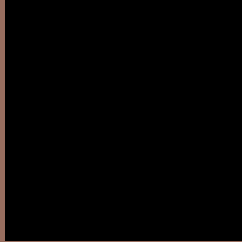
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.5904, 18.6535, 13.3417

Background



This preview shows how black text looks on a background with the XYZ color 20.5904, 18.6535, 13.3417.



This preview shows how white text looks on a background with the XYZ color 20.5904, 18.6535,

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

20.5904, 18.6535, 13.3417

Protanopia

17.7691, 18.8651, 14.7614

Deuteranopia

18.9663, 18.6451, 13.1889



Tritanopia

21.6786, 18.6232, 18.6717

Trichromacy



Original Color

20.5904, 18.6535, 13.3417

Protanomaly

18.6033, 18.6069, 14.1663

Deuteranomaly

19.4271, 18.5477, 13.1458

Tritanomaly

21.2062, 18.5801, 16.6560

Monochromacy



Original Color

20.5904, 18.6535, 13.3417

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.8016, 18.7980, 17.9667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5904, 18.6535, 13.3417 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(152, 110, 95)` looks like.

```
.text, #text, p{  
    color:rgb(152, 110, 95)  
}
```

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(152, 110, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 110, 95) }
```

Border

The CSS property to change the border of an element to XYZ 20.5904, 18.6535, 13.3417 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(152, 110, 95) }
```


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

```
.border{ border-color:rgb(152, 110, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 110, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 110, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 110, 95);  
box-shadow:4px 4px 4px 4px rgb(152, 110,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5904, 18.6535, 13.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 110, 95) }
```

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

```
.background{ background-color: rgb(152,  
110, 95) }
```

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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