

Converting Colors

XYZ(20.7368, 16.9151, 14.0521)

Have a look what the booklet for
XYZ(20.7368, 16.9151, 14.0521)
contains.

XYZ(20.7204, 16.9053, 13.9754)	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(20.7204, 16.9053,
13.9754)**

Conversions

Conversions Part 1

Format	Color
Hex	9E6263
RGB	158, 98, 99
RGB Percent	62%, 38%, 39%
CMY	0.3804, 0.6157, 0.6118
CMYK	0.00, 0.38, 0.37, 0.38
HSL	359°, 24%, 50%
HSV	359°, 38%, 62%
XYZ	20.7204, 16.9053, 13.9754
YIQ	116.0540, 35.4390, 13.0310

Conversions

Conversions Part 2

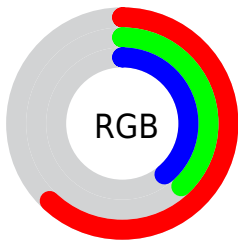
Format	Color
R_{YB}	158, 98, 99
Decimal	10379875
CIE Lab	48.14, 24.46, 9.70
CIE LCh	48, 26.310, 21.637
Yxy	16.9053, 0.4015, 0.3276
Android (android.graphics.Color)	4288569955 (0xFF9E6263)
YUV	116.0540, -8.4076, 36.7866
Hunter-Lab	41.1161, 18.0018, 8.6285

Details

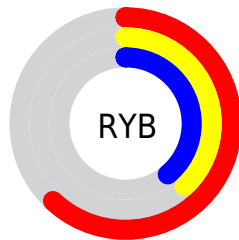
The XYZ color **20.7204, 16.9053, 13.9754** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.3504, 29.4851, 36.3603**, and the grayscale version is **16.6348, 17.5011, 19.0587**.

A 20% lighter version of the original color is **43.9840, 37.9930, 33.8693**, and **7.4921, 5.4813, 4.0313** is the 20% darker color. If you saturate the color by 10%, you get **18.7126, 13.9663, 9.9872**, and if you desaturate by 10%, it is **23.1639, 20.4868, 18.8142**.

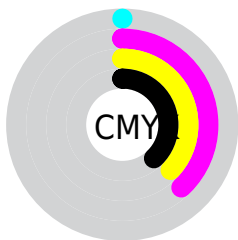
Distribution



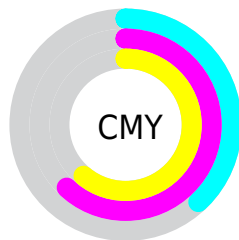
- Red (62%)
- Green (38%)
- Blue (39%)



- Red (62%)
- Yellow (38%)
- Blue (39%)



- Cyan (0%)
- Magenta (38%)
- Yellow (37%)
- Black (38%)



- Cyan (38%)
- Magenta (62%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7204, 16.9053, 13.9754 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 20.7204, 16.9053, 13.9754 by changing the saturation by 10% instead.

■ 20.7204, 16.9053,
13.9754

■ 20.7204, 16.9053,
13.9754

248.5488,
234.6261, 228.5008

■ 13.0311, 10.1670,
7.9650

■ 44.1165, 38.1629,
33.7619

■ 7.5271, 5.5098,
3.9851

■ 60.5540, 53.4509,
48.3750

■ 3.8431, 2.5494,
1.6172

■ 80.6383, 72.3577,
66.6928

■ 1.6138, 0.9013,
0.3030

■ 104.7347, 95.2676,
89.1339

■ 0.4014, 0.0000,
0.0000

133.2086,
122.5650, 116.1166

■ 0.0000, 0.0000,
0.0000

166.4254,

154.6343, 148.0597

204.7503,
191.8598, 185.3816

■ 20.7204, 16.9053,
13.9754

■ 20.7204, 16.9053,
13.9754

■ 18.7126, 13.9663,
9.9872

■ 23.1639, 20.4868,
18.8142

■ 17.1136, 11.6294,
6.7997

■ 26.0650, 24.7430,
24.5479

■ 15.8958, 9.8538,
4.3590


■ 29.4462, 29.7070,
31.2188


■ 15.0275, 8.5923,
2.6045


■ 33.3275, 35.4088,
38.8661


■ 14.4718, 7.7903,
1.4657


■ 37.7284, 41.8770,
47.5269


 14.1670, 7.3513,
0.8381

 42.6668, 49.1384,
57.2364

 14.1150, 7.2749,
0.7356

 48.1602, 57.2185,
68.0280

 54.2249, 66.1420,
79.9337

 60.8770, 75.9321,
92.9840

Harmonies

Analogous

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



21.0472, 16.9053, 20.3848



20.7204, 16.9053, 13.9754



19.0866, 16.9053, 9.9080

Triad

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



20.7204, 16.9053, 13.9754



12.7328, 16.9053, 11.3978



15.4099, 16.9053, 34.7045

Complementary

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



20.7204, 16.9053, 13.9754



23.3504, 29.4851, 36.3603

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.



13.3857, 16.9053, 30.7493



20.7204, 16.9053, 13.9754



11.9434, 16.9053, 16.5615

Square

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



20.7204, 16.9053, 13.9754



14.4352, 16.9053, 8.6965



12.1700, 16.9053, 23.6885



17.8194, 16.9053, 33.5188

Rectangle

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



20.7204, 16.9053, 13.9754



17.5569, 16.9053, 8.5418



12.1700, 16.9053, 23.6885



14.6657, 16.9053, 33.9030

Sweetspot

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



20.7208, 16.9061, 13.9757



51.3851, 50.8802, 52.5738



24.4443, 18.3729, 34.6058



11.4068, 11.2097, 11.5018



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



20.7208, 16.9061, 13.9757



34.3369, 25.8820, 18.8429



23.8951, 23.3304, 14.8001



6.6373, 6.6478, 6.9412



11.3061, 5.8270, 0.5970



0.2033, 0.1047, 0.0168

Inverse Universe

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



20.7208, 16.9061, 13.9757



34.3369, 25.8820, 18.8429



19.0596, 20.7666, 35.3517



6.6373, 6.6478, 6.9412



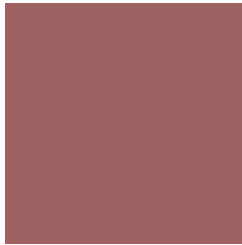
11.3061, 5.8270, 0.5970



0.2033, 0.1047, 0.0168

Previews

White Background



This preview shows how the XYZ color 20.7204, 16.9053, 13.9754 looks on a white background.

Color Contrast Check

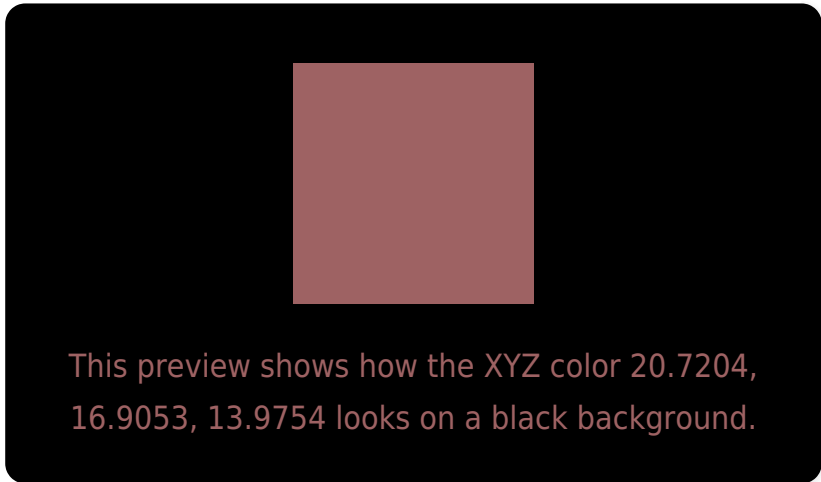
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

XYZ 20.7204, 16.9053, 13.9754

Background



This preview shows how black text looks on a background with the XYZ color 20.7204, 16.9053, 13.9754.



This preview shows how white text looks on a background with the XYZ color 20.7204, 16.9053,

13.9754.

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

20.7204, 16.9053, 13.9754

Protanopia

16.1424, 16.9477, 16.3304

Deuteranopia

17.2493, 16.9205, 13.6661



Tritanopia

20.8739, 16.8180, 15.2427

Trichromacy



Original Color

20.7204, 16.9053, 13.9754

Protanomaly

17.5341, 16.7111, 15.3981

Deuteranomaly

18.3431, 16.8526, 13.8414

Tritanomaly

20.7735, 16.7778, 14.7139

Monochromacy



Original Color

20.7204, 16.9053, 13.9754

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.6432, 16.8884, 17.0817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7204, 16.9053, 13.9754 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(158, 98, 99)` looks like.

```
.text, #text, p{  
    color:rgb(158, 98, 99)  
}
```

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(158, 98, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 98, 99) }
```

Border

The CSS property to change the border of an element to XYZ 20.7204, 16.9053, 13.9754 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(158, 98, 99) }
```


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

```
.border{ border-color:rgb(158, 98, 99) }
```

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

Here you see how a box with a 4 pixel rgb(158, 98, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 98, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 98, 99);  
box-shadow:4px 4px 4px 4px rgb(158, 98,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7204, 16.9053, 13.9754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 98, 99) }
```

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

```
.background{ background-color: rgb(158, 98,  
99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor