

Converting Colors

XYZ(20.6977, 16.9052, 13.7329)

Have a look what the booklet for
XYZ(20.6977, 16.9052, 13.7329)
contains.

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Color

**XYZ(20.6728, 16.8863,
13.7251)**

Conversions

Conversions Part 1

Format	Color
Hex	9E6262
RGB	158, 98, 98
RGB Percent	62%, 38%, 38%
CMY	0.3804, 0.6157, 0.6157
CMYK	0.00, 0.38, 0.38, 0.38
HSL	0°, 24%, 50%
HSV	0°, 38%, 62%
XYZ	20.6728, 16.8863, 13.7251
YIQ	115.9400, 35.7600, 12.7200

Conversions

Conversions Part 2

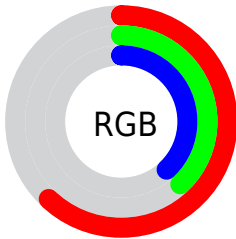
Format	Color
R _Y B	158, 98, 98
Decimal	10379874
CIE Lab	48.12, 24.33, 10.27
CIE LCh	48, 26.406, 22.877
Yxy	16.8863, 0.4031, 0.3293
Android (android.graphics.Color)	4288569954 (0xFF9E6262)
YUV	115.9400, -8.8444, 36.8866
Hunter-Lab	41.0929, 17.8861, 8.9621

Details

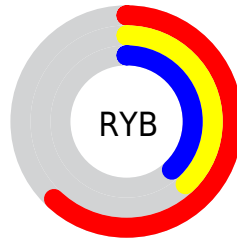
The XYZ color **20.6728, 16.8863, 13.7251** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.4348, 29.5177, 36.8100**, and the grayscale version is **16.6010, 17.4656, 19.0200**.

A 20% lighter version of the original color is **43.9038, 37.9610, 33.4470**, and **7.4694, 5.4722, 3.9114** is the 20% darker color. If you saturate the color by 10%, you get **18.6640, 13.9469, 9.7311**, and if you desaturate by 10%, it is **23.1216, 20.4698, 18.5926**.

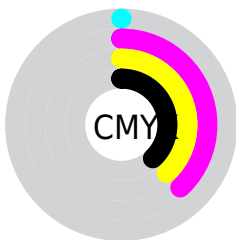
Distribution



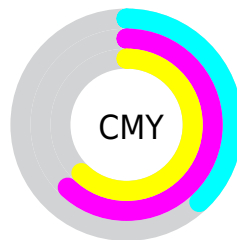
- Red (62%)
- Green (38%)
- Blue (38%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6728, 16.8863, 13.7251 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 20.6728, 16.8863, 13.7251 by changing the saturation by 10% instead.

■ 20.6728, 16.8863,
13.7251

■ 20.6728, 16.8863,
13.7251

248.2992,
234.5163, 226.8825

■ 12.9961, 10.1535,
7.7932

■ 44.0377, 38.1302,
33.3105

■ 7.5029, 5.5008,
3.8770

■ 60.4567, 53.4100,
47.8011

■ 3.8276, 2.5440,
1.5581

■ 80.5205, 72.3076,
65.9816

■ 1.6051, 0.8986,
0.2607

■ 104.5945, 95.2074,
88.2707

■ 0.3957, 0.0000,
0.0000

133.0440,
122.4938, 115.0867

■ 0.0000, 0.0000,
0.0000

166.2344,

154.5511, 146.8484

204.5310,
191.7638, 183.9741

■ 20.6728, 16.8863,
13.7251

■ 20.6728, 16.8863,
13.7251

■ 18.6640, 13.9469,
9.7311

■ 23.1216, 20.4698,
18.5926

■ 17.0678, 11.6113,
6.5581

■ 26.0329, 24.7298,
24.3801

■ 15.8560, 9.8381,
4.1493


■ 29.4292, 29.6995,
31.1319


■ 14.9963, 8.5801,
2.4404


■ 33.3312, 35.4093,
38.8890


■ 14.4511, 7.7822,
1.3566


■ 37.7584, 41.8875,
47.6904


 14.1529, 7.3458,
0.7639

 42.7294, 49.1614,
57.5726

 14.1006, 7.2693,
0.6599

 48.2616, 57.2565,
68.5707

 54.3719, 66.1975,
80.7179

 61.0762, 76.0078,
94.0463

Harmonies

Analogous

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



21.0616, 16.8863, 20.0691



20.6728, 16.8863, 13.7251



18.9898, 16.8863, 9.7545

Triad

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



20.6728, 16.8863, 13.7251



12.6540, 16.8863, 11.5256



15.4862, 16.8863, 34.8043

Complementary

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



20.6728, 16.8863, 13.7251



23.4348, 29.5177, 36.8100

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.



13.4303, 16.8863, 31.0199



20.6728, 16.8863, 13.7251



11.9039, 16.8863, 16.8004

Square

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



20.6728, 16.8863, 13.7251



14.3270, 16.8863, 8.7225



12.1733, 16.8863, 23.9988



17.9057, 16.8863, 33.3935

Rectangle

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



20.6728, 16.8863, 13.7251



17.4429, 16.8863, 8.4502



12.1733, 16.8863, 23.9988



14.7331, 16.8863, 34.0714

Sweetspot

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



20.6732, 16.8871, 13.7254



51.3458, 50.8650, 52.3655



24.6398, 18.4732, 34.6147



11.3971, 11.2059, 11.4504



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.



20.6732, 16.8871, 13.7254



34.2493, 25.8479, 18.3784



24.0244, 23.5894, 14.8425



6.6331, 6.6462, 6.9189



11.2932, 5.8220, 0.5285



0.2019, 0.1041, 0.0095

Inverse Universe

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



23.4348, 29.5177, 36.8100



40.0334, 52.3026, 66.7289



18.9278, 20.5038, 35.3077



6.8218, 7.5094, 8.4966



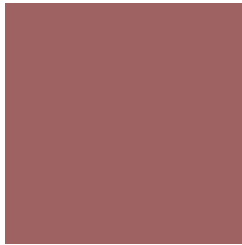
14.7340, 21.5595, 29.2921



0.2635, 0.3855, 0.5238

Previews

White Background



This preview shows how the XYZ color 20.6728, 16.8863, 13.7251 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



This preview shows how the XYZ color 20.6728, 16.8863, 13.7251 looks on a 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 20.6728, 16.8863, 13.7251

Background



This preview shows how black text looks on a background with the XYZ color 20.6728, 16.8863, 13.7251.



This preview shows how white text looks on a background with the XYZ color 20.6728, 16.8863,

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

20.6728, 16.8863, 13.7251

Protanopia

16.2266, 16.9972, 16.0612

Deuteranopia

17.2030, 16.9019, 13.4220



Tritanopia

21.0715, 16.9198, 15.2520

Trichromacy



Original Color

20.6728, 16.8863, 13.7251

Protanomaly

17.4836, 16.6909, 15.1322

Deuteranomaly

18.2962, 16.8339, 13.5942

Tritanomaly

20.9710, 16.8796, 14.7232

Monochromacy



Original Color

20.6728, 16.8863, 13.7251

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.5890, 16.8667, 16.7966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6728, 16.8863, 13.7251 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, 98)` looks like.

```
.text, #text, p{  
    color:rgb(158, 98, 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(158, 98, 98) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 20.6728, 16.8863, 13.7251 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, 98) }
```


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

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

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, 98)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 20.6728, 16.8863, 13.7251 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, 98) }
```

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

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