

Converting Colors

XYZ(21.2955, 20.9783, 20.3420)

Have a look what the booklet for
XYZ(21.2955, 20.9783, 20.3420)
contains.

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Color

**XYZ(21.2738, 20.9137,
20.3683)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7A77
RGB	141, 122, 119
RGB Percent	55%, 48%, 47%
CMY	0.4471, 0.5216, 0.5333
CMYK	0.00, 0.13, 0.16, 0.45
HSL	8°, 9%, 51%
HSV	8°, 16%, 55%
XYZ	21.2738, 20.9137, 20.3683
YIQ	127.3390, 12.2870, 3.0950

Conversions

Conversions Part 2

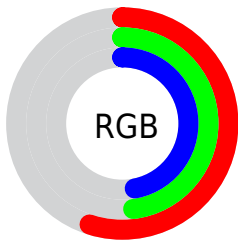
Format	Color
R_{YB}	141, 122, 119
Decimal	9271927
CIE _{Lab}	52.85, 6.79, 4.33
CIE _{LCh}	53, 8.055, 32.536
Yxy	20.9137, 0.3401, 0.3343
Android (android.graphics.Color)	4287462007 (0xFF8D7A77)
YUV	127.3390, -4.1111, 11.9807
Hunter-Lab	45.7315, 3.0062, 5.6049

Details

The XYZ color **21.2738, 20.9137, 20.3683** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.5038, 24.0214, 28.7027**, and the grayscale version is **20.3006, 21.3578, 23.2587**.

A 20% lighter version of the original color is **44.9924, 44.8145, 44.8068**, and **7.8343, 7.4442, 6.9852** is the 20% darker color. If you saturate the color by 10%, you get **19.0867, 17.7954, 15.7668**, and if you desaturate by 10%, it is **23.7751, 24.4588, 25.6949**.

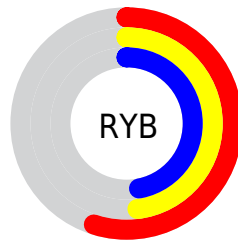
Distribution



Red (55%)

Green (48%)

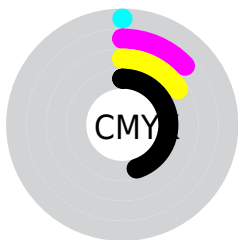
Blue (47%)



Red (55%)

Yellow (48%)

Blue (47%)

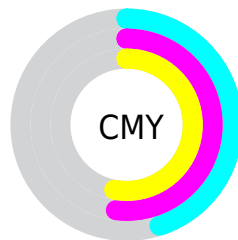


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (45%)



Cyan (45%)

Magenta (52%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2738, 20.9137, 20.3683 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 21.2738, 20.9137, 20.3683 by changing the saturation by 10% instead.

■ 21.2738, 20.9137,
20.3683

■ 21.2738, 20.9137,
20.3683

251.4343,
256.8195, 266.5719

■ 13.4379, 13.0609,
12.4763

■ 45.0306, 44.9439,
44.9009

■ 7.8098, 7.4705,
6.9425

■ 61.6822, 61.8901,
62.3785

■ 4.0243, 3.7581,
3.3483

■ 82.0031, 82.6362,
83.8885

■ 1.7159, 1.5392,
1.2751

106.3587,
107.5666, 109.8493

■ 0.4662, 0.3161,
0.0412

135.1142,
137.0658, 140.6795

■ 0.0000, 0.0000,
0.0000

168.6351,

171.5180, 176.7977

207.2867,
211.3078, 218.6223

■ 21.2738, 20.9137,
20.3683

■ 21.2738, 20.9137,
20.3683

■ 19.0867, 17.7954,
15.7668

■ 23.7751, 24.4588,
25.6949

■ 17.1995, 15.0851,
11.8578

■ 26.6005, 28.4430,
31.7746

■ 15.5997, 12.7667,
8.6080

■ 29.7617, 32.8817,
38.6358

■ 14.2730, 10.8219,
5.9809

■ 33.2693, 37.7886,
46.3048

■ 13.2039, 9.2312,
3.9367

■ 37.1335, 43.1768,
54.8067

■ 12.3753, 7.9730,
2.4306

■ 41.3638, 49.0591,
64.1656

■ 11.7681, 7.0235,
1.4114

■ 45.9697, 55.4476,
74.4045

■ 11.3576, 6.3546,
0.8060

■ 50.9601, 62.3541,
85.5457

■ 11.2216, 6.1368,
0.5931

■ 56.3436, 69.7899,
97.6106

Harmonies

Analogous

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



21.5390, 20.9137, 22.5670



21.2738, 20.9137, 20.3683



20.6337, 20.9137, 18.9012

Triad

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



21.2738, 20.9137, 20.3683



18.4760, 20.9137, 20.6999



19.9496, 20.9137, 27.7232

Complementary

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



21.2738, 20.9137, 20.3683



21.5038, 24.0214, 28.7027

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.



19.1407, 20.9137, 27.1370



21.2738, 20.9137, 20.3683



18.3044, 20.9137, 22.9772

Square

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



21.2738, 20.9137, 20.3683



19.0200, 20.9137, 19.0829



18.5443, 20.9137, 25.3566



20.7611, 20.9137, 26.9071

Rectangle

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



21.2738, 20.9137, 20.3683



20.0888, 20.9137, 18.4777



18.5443, 20.9137, 25.3566



19.6683, 20.9137, 27.6837

Sweetspot

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



21.2744, 20.9146, 20.3687



42.8138, 44.1360, 46.5220



22.1738, 20.6936, 26.8958



9.4969, 9.7651, 10.2502



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.2744, 20.9146, 20.3687



36.5431, 35.2408, 33.1912



22.6929, 23.7517, 20.8416



5.4646, 5.5355, 5.6698



10.2394, 5.6106, 0.5433



0.1071, 0.0720, 0.0083

Inverse Universe

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



21.5038, 24.0214, 28.7027



37.0403, 41.9825, 51.2791



20.0137, 21.0413, 28.2060



5.4984, 5.9926, 6.8956



10.7106, 14.4073, 25.1935



0.1136, 0.1602, 0.2446

Previews

White Background



This preview shows how the XYZ color 21.2738, 20.9137, 20.3683 looks on a white background.

Color Contrast Check

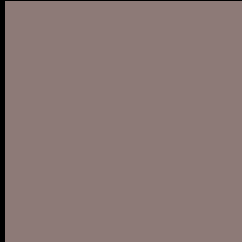
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2738, 20.9137, 20.3683 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 21.2738, 20.9137, 20.3683

Background



This preview shows how black text looks on a background with the XYZ color 21.2738, 20.9137, 20.3683.



This preview shows how white text looks on a background with the XYZ color 21.2738, 20.9137,

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

21.2738, 20.9137, 20.3683

Protanopia

20.1180, 21.0480, 21.0915

Deuteranopia

21.2738, 20.9137, 20.3683



Tritanopia

21.9011, 20.7954, 23.9787

Trichromacy



Original Color

21.2738, 20.9137, 20.3683

Protanomaly

20.5553, 21.0916, 20.7570

Deuteranomaly

21.2738, 20.9137, 20.3683

Tritanomaly

21.7586, 20.9319, 22.6321

Monochromacy



Original Color

21.2738, 20.9137, 20.3683

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.4874, 21.0280, 22.0478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2738, 20.9137, 20.3683 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(141, 122, 119)` looks like.

```
.text, #text, p{  
    color:rgb(141, 122, 119)  
}
```

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(141, 122, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 122, 119) }
```

Border

The CSS property to change the border of an element to XYZ 21.2738, 20.9137, 20.3683 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(141, 122, 119) }
```


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

```
.border{ border-color:rgb(141, 122, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 122, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 122, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 122, 119); box-shadow:4px 4px 4px 4px rgb(141, 122, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2738, 20.9137, 20.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 122, 119) }
```

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

```
.background{ background-color: rgb(141,  
122, 119) }
```

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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