

Converting Colors

XYZ(20.6124, 20.8219, 21.7956)

Have a look what the booklet for
XYZ(20.6124, 20.8219, 21.7956)
contains.

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Color

**XYZ(20.6143, 20.9137,
21.6891)**

Conversions

Conversions Part 1

Format	Color
Hex	867C7B
RGB	134, 124, 123
RGB Percent	53%, 49%, 48%
CMY	0.4745, 0.5137, 0.5176
CMYK	0.00, 0.07, 0.08, 0.47
HSL	5°, 4%, 50%
HSV	5°, 8%, 53%
XYZ	20.6143, 20.9137, 21.6891
YIQ	126.8760, 6.2810, 1.8090

Conversions

Conversions Part 2

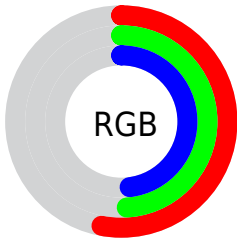
Format	Color
R_{YB}	134, 124, 123
Decimal	8813691
CIE Lab	52.85, 3.62, 1.91
CIE LCh	53, 4.094, 27.830
Yxy	20.9137, 0.3261, 0.3308
Android (android.graphics.Color)	4287003771 (0xFF867C7B)
YUV	126.8760, -1.9109, 6.2477
Hunter-Lab	45.7315, 0.4320, 3.8926

Details

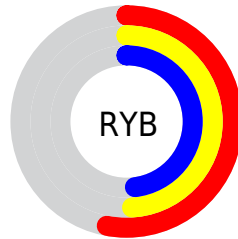
The XYZ color **20.6143, 20.9137, 21.6891** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.8589, 22.7067, 25.8379**, and the grayscale version is **20.1356, 21.1842, 23.0696**.

A 20% lighter version of the original color is **43.7567, 44.7106, 46.8812**, and **7.4083, 7.4114, 7.5186** is the 20% darker color. If you saturate the color by 10%, you get **18.3992, 17.7352, 17.0916**, and if you desaturate by 10%, it is **23.1339, 24.5170, 26.9552**.

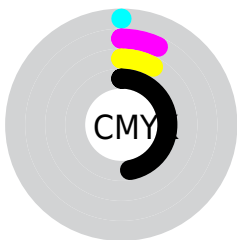
Distribution



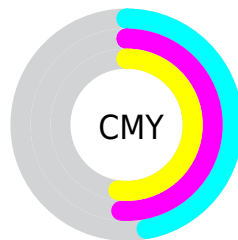
- Red (53%)
- Green (49%)
- Blue (48%)



- Red (53%)
- Yellow (49%)
- Blue (48%)



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (47%)



- Cyan (47%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6143, 20.9137, 21.6891 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 20.6143, 20.9137, 21.6891 by changing the saturation by 10% instead.

■ 20.6143, 20.9137,
21.6891

■ 20.6143, 20.9137,
21.6891

247.9922,
256.8195, 273.8187

■ 12.9532, 13.0609,
13.4325

■ 43.9409, 44.9439,
47.1272

■ 7.4731, 7.4705,
7.5928

■ 60.3371, 61.8901,
65.1458

■ 3.8086, 3.7581,
3.7515

■ 80.3756, 82.6362,
87.2554

■ 1.5945, 1.5392,
1.4900

104.4220,
107.5666, 113.8747

■ 0.3888, 0.3161,
0.2105

132.8415,
137.0658, 145.4221

■ 0.0000, 0.0000,
0.0000

165.9995,

171.5180, 182.3162

204.2613,
211.3078, 224.9756

■ 20.6143, 20.9137,
21.6891

■ 20.6143, 20.9137,
21.6891

■ 18.3992, 17.7352,
17.0916

■ 23.1339, 24.5170,
26.9552

■ 16.4755, 14.9632,
13.1347

■ 25.9672, 28.5571,
32.9136

■ 14.8314, 12.5822,
9.7902

■ 29.1250, 33.0489,
39.5888

■ 13.4540, 10.5745,
7.0276

■ 32.6172, 38.0059,
47.0035

■ 12.3290, 8.9211,
4.8136

■ 36.4533, 43.4408,
55.1794

■ 11.4412, 7.6016,
3.1115

■ 40.6423, 49.3660,
64.1374

■ 10.7733, 6.5929,
1.8802

■ 45.1929, 55.7934,
73.8974

■ 10.3059, 5.8697,
1.0722

■ 50.1136, 62.7344,
84.4788

■ 10.0072, 5.3985,
0.5835

■ 55.4125, 70.2003,
95.9003

Harmonies

Analogous

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



20.7113, 20.9137, 22.8608



20.6143, 20.9137, 21.6891



20.3191, 20.9137, 20.8347

Triad

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



20.6143, 20.9137, 21.6891



19.1895, 20.9137, 21.5399



19.8467, 20.9137, 25.2080

Complementary

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



20.6143, 20.9137, 21.6891



20.8589, 22.7067, 25.8379

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.



19.4430, 20.9137, 24.8247



20.6143, 20.9137, 21.6891



19.0670, 20.9137, 22.6824

Square

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



20.6143, 20.9137, 21.6891



19.4962, 20.9137, 20.7507



19.1591, 20.9137, 23.8893



20.2644, 20.9137, 24.9193

Rectangle

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



20.6143, 20.9137, 21.6891



20.0518, 20.9137, 20.5450



19.1591, 20.9137, 23.8893



19.7049, 20.9137, 25.1532

Sweetspot

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



20.6149, 20.9146, 21.6895



38.9927, 40.6722, 43.7919



21.1541, 20.9303, 25.1457



8.7991, 9.1837, 9.8961



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



20.6149, 20.9146, 21.6895



35.4936, 35.6635, 36.4922



21.3121, 22.3091, 21.9220



4.7042, 4.7520, 4.8987



9.3433, 5.0092, 0.4744



0.0344, 0.0215, 0.0023

Inverse Universe

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



20.8589, 22.7067, 25.8379



36.0217, 39.5429, 45.4724



20.1366, 21.2623, 25.5972



4.7663, 5.2083, 5.9548



10.5341, 14.6161, 23.4027



0.0391, 0.0559, 0.0820

Previews

White Background



This preview shows how the XYZ color 20.6143, 20.9137, 21.6891 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 20.6143, 20.9137, 21.6891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

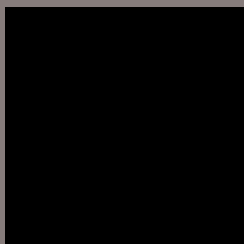
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.6143, 20.9137, 21.6891

Background



This preview shows how black text looks on a background with the XYZ color 20.6143, 20.9137, 21.6891.



This preview shows how white text looks on a background with the XYZ color 20.6143, 20.9137,

21.6891.

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

20.6143, 20.9137, 21.6891

Protanopia

20.1522, 21.0441, 22.0686

Deuteranopia

21.1821, 20.8381, 21.6446



Tritanopia

21.2395, 20.9828, 24.7604

Trichromacy



Original Color

20.6143, 20.9137, 21.6891

Protanomaly

20.3318, 20.9478, 22.0405

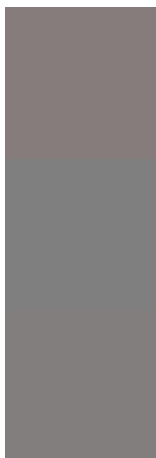
Deuteranomaly

20.9746, 20.9143, 21.6703

Tritanomaly

21.0371, 20.9018, 23.6946

Monochromacy



Original Color

20.6143, 20.9137, 21.6891

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.4327, 21.1739, 22.7487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6143, 20.9137, 21.6891 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(134, 124, 123)` looks like.

```
.text, #text, p{  
    color:rgb(134, 124, 123)  
}
```

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(134, 124, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 124, 123) }
```

Border

The CSS property to change the border of an element to XYZ 20.6143, 20.9137, 21.6891 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(134, 124, 123) }
```


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

```
.border{ border-color:rgb(134, 124, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 124, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 124, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 124, 123);  
box-shadow:4px 4px 4px 4px rgb(134, 124,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6143, 20.9137, 21.6891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 124, 123) }
```

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

```
.background{ background-color: rgb(134,  
124, 123) }
```

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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