

Converting Colors

XYZ(20.7150, 21.0511, 18.6090)

Have a look what the booklet for
XYZ(20.7150, 21.0511, 18.6090)
contains.

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Color

**XYZ(20.6695, 21.0108,
18.5889)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7C71
RGB	138, 124, 113
RGB Percent	54%, 49%, 44%
CMY	0.4588, 0.5137, 0.5569
CMYK	0.00, 0.10, 0.18, 0.46
HSL	26°, 10%, 49%
HSV	26°, 18%, 54%
XYZ	20.6695, 21.0108, 18.5889
YIQ	126.9320, 11.8750, -0.4530

Conversions

Conversions Part 2

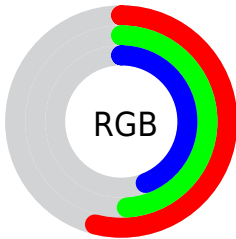
Format	Color
R_{YB}	138, 133, 113
Decimal	9075825
CIE Lab	52.96, 3.43, 7.95
CIE LCh	53, 8.657, 66.658
Yxy	21.0108, 0.3430, 0.3486
Android (android.graphics.Color)	4287265905 (0xFF8A7C71)
YUV	126.9320, -6.8685, 9.7066
Hunter-Lab	45.8375, 0.2752, 8.0419

Details

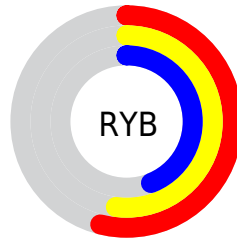
The XYZ color **20.6695, 21.0108, 18.5889** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.9868, 20.5240, 27.0057**, and the grayscale version is **20.1699, 21.2203, 23.1089**.

A 20% lighter version of the original color is **44.0551, 44.9737, 41.9562**, and **7.4947, 7.4885, 6.0514** is the 20% darker color. If you saturate the color by 10%, you get **19.0204, 18.8627, 14.4932**, and if you desaturate by 10%, it is **22.5138, 23.3598, 23.3331**.

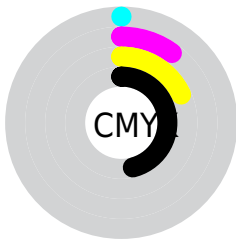
Distribution



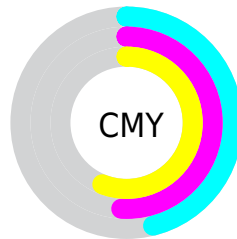
- Red (54%)
- Green (49%)
- Blue (44%)



- Red (54%)
- Yellow (52%)
- Blue (44%)



- Cyan (0%)
- Magenta (10%)
- Yellow (18%)
- Black (46%)



- Cyan (46%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6695, 21.0108, 18.5889 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 20.6695, 21.0108, 18.5889 by changing the saturation by 10% instead.

■ 20.6695, 21.0108,
18.5889

■ 20.6695, 21.0108,
18.5889

248.2819,
257.3359, 256.5164

■ 12.9937, 13.1319,
11.1998

■ 44.0323, 45.1055,
41.8657

■ 7.5012, 7.5194,
6.0855

■ 60.4500, 62.0901,
58.5904

■ 3.8266, 3.7890,
2.8275

■ 80.5123, 82.8787,
79.2642

■ 1.6045, 1.5563,
1.0073

■ 104.5848,
107.8557, 104.3054

■ 0.3953, 0.3278,
0.0000

133.0326,
137.4056, 134.1327

■ 0.0000, 0.0000,
0.0000

166.2211,

171.9126, 169.1647

204.5158,
211.7613, 209.8197

■ 20.6695, 21.0108,
18.5889

■ 20.6695, 21.0108,
18.5889

■ 19.0204, 18.8627,
14.4932

■ 22.5138, 23.3598,
23.3331

■ 17.5578, 16.9071,
11.0161

■ 24.5582, 25.9123,
28.7512

■ 16.2746, 15.1392,
8.1272

■ 26.8097, 28.6742,
34.8690

■ 15.1628, 13.5525,
5.7932

■ 29.2743, 31.6506,
41.7104

■ 14.2137, 12.1407,
3.9772

■ 31.9576, 34.8461,
49.2983

■ 13.4174, 10.8964,
2.6378

■ 34.8653, 38.2654,
57.6544

■ 12.7628, 9.8119,
1.7273

■ 38.0027, 41.9129,
66.7997

■ 12.2286, 8.8751,
1.1432

■ 41.3749, 45.7930,
76.7543

■ 12.1359, 8.7125,
1.0421

■ 44.9869, 49.9097,
87.5376

Harmonies

Analogous

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



21.4029, 21.0108, 20.0215



20.6695, 21.0108, 18.5889



19.7685, 21.0108, 18.2640

Triad

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



20.6695, 21.0108, 18.5889



18.2867, 21.0108, 23.4615



21.0301, 21.0108, 27.1247

Complementary

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



20.6695, 21.0108, 18.5889



18.9868, 20.5240, 27.0057

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.



20.1731, 21.0108, 28.2083



20.6695, 21.0108, 18.5889



18.6028, 21.0108, 25.9923

Square

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



20.6695, 21.0108, 18.5889



18.4105, 21.0108, 20.9538



19.2867, 21.0108, 27.7789



21.6154, 21.0108, 24.9149

Rectangle

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



20.6695, 21.0108, 18.5889



19.1975, 21.0108, 18.6955



19.2867, 21.0108, 27.7789



20.7633, 21.0108, 27.6401

Sweetspot

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



20.6701, 21.0117, 18.5893



40.7308, 42.4908, 43.8746



20.2282, 18.7505, 22.6890



9.0879, 9.4705, 9.7150



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



20.6701, 21.0117, 18.5893



35.1268, 35.3445, 29.4851



22.3132, 24.2981, 19.1371



5.2022, 5.3872, 5.3180



11.1410, 8.0164, 0.9601



0.0882, 0.0816, 0.0111

Inverse Universe

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



18.9868, 20.5240, 27.0057



31.5549, 34.3089, 47.3423



17.4906, 17.5316, 26.5070



4.9916, 5.3262, 6.3708



6.6710, 6.6124, 22.9704



0.0589, 0.0732, 0.1575

Previews

White Background



This preview shows how the XYZ color 20.6695, 21.0108, 18.5889 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 20.6695, 21.0108, 18.5889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

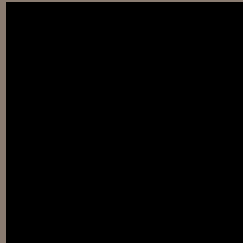
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.6695, 21.0108, 18.5889

Background



This preview shows how black text looks on a background with the XYZ color 20.6695, 21.0108, 18.5889.



This preview shows how white text looks on a background with the XYZ color 20.6695, 21.0108,

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

20.6695, 21.0108, 18.5889

Protanopia

20.0138, 21.0421, 18.9263

Deuteranopia

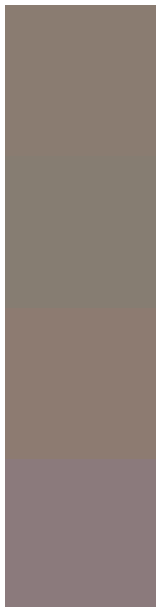
21.2679, 20.9510, 18.5458



Tritanopia

21.7493, 20.8889, 24.3584

Trichromacy



Original Color

20.6695, 21.0108, 18.5889

Protanomaly

20.2024, 20.9505, 18.8987

Deuteranomaly

21.0481, 21.0209, 18.5709

Tritanomaly

21.2451, 20.8633, 21.9761

Monochromacy



Original Color

20.6695, 21.0108, 18.5889

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.3338, 21.1521, 21.4234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6695, 21.0108, 18.5889 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(138, 124, 113)` looks like.

```
.text, #text, p{  
    color:rgb(138, 124, 113)  
}
```

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(138, 124, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 124, 113) }
```

Border

The CSS property to change the border of an element to XYZ 20.6695, 21.0108, 18.5889 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(138, 124, 113) }
```


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

```
.border{ border-color:rgb(138, 124, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 124, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 124, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 124, 113);  
box-shadow:4px 4px 4px 4px rgb(138, 124,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6695, 21.0108, 18.5889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 124, 113) }
```

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

```
.background{ background-color: rgb(138,  
124, 113) }
```

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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