

Converting Colors

XYZ(21.2942, 20.6922, 24.6688)

Have a look what the booklet for
XYZ(21.2942, 20.6922, 24.6688)
contains.

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Color

**XYZ(21.3188, 20.6591,
24.6938)**

Conversions

Conversions Part 1

Format	Color
Hex	897984
RGB	137, 121, 132
RGB Percent	54%, 47%, 52%
CMY	0.4627, 0.5255, 0.4823
CMYK	0.00, 0.12, 0.04, 0.46
HSL	319°, 6%, 51%
HSV	319°, 12%, 54%
XYZ	21.3188, 20.6591, 24.6938
YIQ	127.0380, 6.0050, 6.8130

Conversions

Conversions Part 2

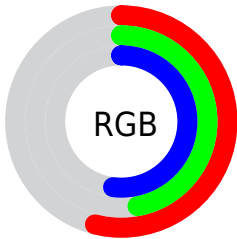
Format	Color
RYB	137, 121, 132
Decimal	9009540
CIELab	52.57, 8.21, -3.73
CIELCh	53, 9.023, 335.551
Yxy	20.6591, 0.3198, 0.3099
Android (android.graphics.Color)	4287199620 (0xFF897984)
YUV	127.0380, 2.4463, 8.7367
Hunter-Lab	45.4523, 4.1816, -0.3951

Details

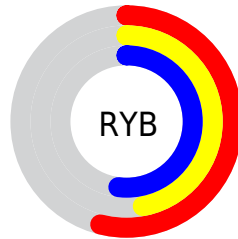
The XYZ color **21.3188, 20.6591, 24.6938** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.5976, 23.4632, 23.1831**, and the grayscale version is **20.1768, 21.2276, 23.1168**.

A 20% lighter version of the original color is **44.9357, 44.3371, 52.0885**, and **7.8092, 7.2855, 9.1783** is the 20% darker color. If you saturate the color by 10%, you get **19.4839, 17.4483, 22.6662**, and if you desaturate by 10%, it is **23.4034, 24.3494, 26.8645**.

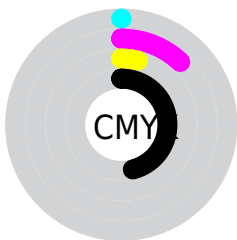
Distribution



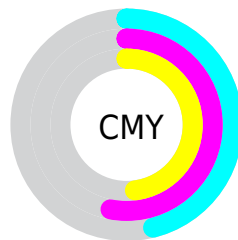
- Red (54%)
- Green (47%)
- Blue (52%)



- Red (54%)
- Yellow (47%)
- Blue (52%)



- Cyan (0%)
- Magenta (12%)
- Yellow (4%)
- Black (46%)



- Cyan (46%)
- Magenta (53%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3188, 20.6591, 24.6938 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 21.3188, 20.6591, 24.6938 by changing the saturation by 10% instead.

■ 21.3188, 20.6591,
24.6938

■ 21.3188, 20.6591,
24.6938

251.6677,
255.4612, 289.7083

■ 13.4710, 12.8750,
15.6321

■ 45.1048, 44.5195,
52.1180

■ 7.8329, 7.3426,
9.1127

■ 61.7737, 61.3646,
71.3176

■ 4.0391, 3.6772,
4.7169

■ 82.1137, 81.9989,
94.7336

■ 1.7243, 1.4947,
2.0263

106.4902,
106.8067, 122.7845

■ 0.4714, 0.2850,
0.5714

135.2685,
136.1724, 155.8889

■ 0.0000, 0.0000,
0.0000

168.8139,

170.4805, 194.4653

207.4919,
210.1153, 238.9322

■ 21.3188, 20.6591,
24.6938

■ 21.3188, 20.6591,
24.6938

■ 19.4839, 17.4483,
22.6662

■ 23.4034, 24.3494,
26.8645

■ 17.8868, 14.6945,
20.7762

■ 25.7454, 28.5353,
29.1808

■ 16.5173, 12.3772,
19.0201

■ 28.3543, 33.2353,
31.6468

■ 15.3640, 10.4735,
17.3932

■ 31.2387, 38.4663,
34.2660

■ 14.4140, 8.9583,
15.8905

■ 34.4066, 44.2443,
37.0418

■ 13.6534, 7.8036,
14.5067

■ 37.8660, 50.5848,
39.9774

■ 13.0661, 6.9780,
13.2356

■ 41.6242, 57.5025,
43.0760

■ 12.6336, 6.4442,
12.0702

■ 45.6885, 65.0116,
46.3405

■ 12.3452, 6.1299,
11.1648

■ 50.0658, 73.1258,
49.7740

Harmonies

Analogous

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



20.7001, 20.6591, 26.9499



21.3188, 20.6591, 24.6938



21.4806, 20.6591, 21.9997

Triad

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



21.3188, 20.6591, 24.6938



19.4624, 20.6591, 17.7478



18.2088, 20.6591, 25.6235

Complementary

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



21.3188, 20.6591, 24.6938



20.5976, 23.4632, 23.1831

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.



17.8998, 20.6591, 22.9962



21.3188, 20.6591, 24.6938



18.6087, 20.6591, 18.5589

Square

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



21.3188, 20.6591, 24.6938



20.3896, 20.6591, 18.1241



18.0439, 20.6591, 20.4293



18.9010, 20.6591, 27.5158

Rectangle

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



21.3188, 20.6591, 24.6938



21.3034, 20.6591, 20.3452



18.0439, 20.6591, 20.4293



18.0577, 20.6591, 24.7895

Sweetspot

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



21.3194, 20.6600, 24.6942



40.9691, 41.9315, 47.1479



19.9283, 19.9024, 26.4585



9.1311, 9.3020, 10.5153



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.



21.3194, 20.6600, 24.6942



37.2710, 35.4025, 43.2420



20.8054, 20.4544, 21.9877



5.1684, 5.1028, 5.9754



11.5049, 5.7121, 10.4289



0.0830, 0.0406, 0.1041

Inverse Universe

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



21.3194, 20.6600, 24.6942



37.2710, 35.4025, 43.2420



21.1207, 23.6725, 25.9378



5.1684, 5.1028, 5.9754



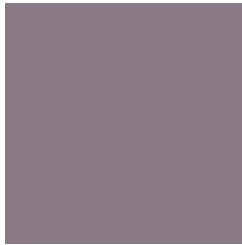
11.5049, 5.7121, 10.4289



0.0830, 0.0406, 0.1041

Previews

White Background



This preview shows how the XYZ color 21.3188, 20.6591, 24.6938 looks on a white background.

Color Contrast Check

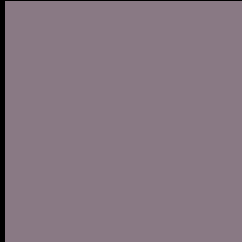
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3188, 20.6591, 24.6938 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 21.3188, 20.6591, 24.6938

Background



This preview shows how black text looks on a background with the XYZ color 21.3188, 20.6591, 24.6938.



This preview shows how white text looks on a background with the XYZ color 21.3188, 20.6591,

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

21.3188, 20.6591, 24.6938

Protanopia

20.0941, 20.7484, 25.5000

Deuteranopia

21.1161, 20.7359, 24.7193



Tritanopia

21.2506, 20.6318, 24.3350

Trichromacy



Original Color

21.3188, 20.6591, 24.6938

Protanomaly

20.4946, 20.7759, 25.1203

Deuteranomaly

21.2777, 20.8193, 24.7269

Tritanomaly

21.2506, 20.6318, 24.3350

Monochromacy



Original Color

21.3188, 20.6591, 24.6938

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.6561, 21.0775, 23.7485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3188, 20.6591, 24.6938 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(137, 121, 132)` looks like.

```
.text, #text, p{  
    color:rgb(137, 121, 132)  
}
```

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(137, 121, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 121, 132) }
```

Border

The CSS property to change the border of an element to XYZ 21.3188, 20.6591, 24.6938 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(137, 121, 132) }
```


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

```
.border{ border-color:rgb(137, 121, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 121, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 121, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 121, 132);  
box-shadow:4px 4px 4px 4px rgb(137, 121,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3188, 20.6591, 24.6938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 121, 132) }
```

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

```
.background{ background-color: rgb(137,  
121, 132) }
```

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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