

Converting Colors

XYZ(20.6555, 21.3607, 26.6569)

Have a look what the booklet for
XYZ(20.6555, 21.3607, 26.6569)
contains.

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Color

**XYZ(20.7089, 21.4205,
26.7100)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7F89
RGB	126, 127, 137
RGB Percent	49%, 50%, 54%
CMY	0.5059, 0.5019, 0.4627
CMYK	0.08, 0.07, 0.00, 0.46
HSL	235°, 4%, 52%
HSV	235°, 8%, 54%
XYZ	20.7089, 21.4205, 26.7100
YIQ	127.8410, -3.8060, 2.8980

Conversions

Conversions Part 2

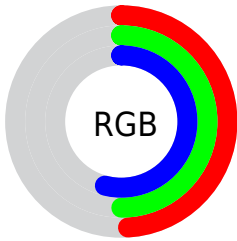
Format	Color
R _Y B	126, 127, 137
Decimal	8290185
CIE Lab	53.41, 1.70, -5.53
CIE LCh	53, 5.788, 287.095
Yxy	21.4205, 0.3008, 0.3112
Android (android.graphics.Color)	4286480265 (0xFF7E7F89)
YUV	127.8410, 4.5154, -1.6146
Hunter-Lab	46.2823, -1.1246, -1.8193

Details

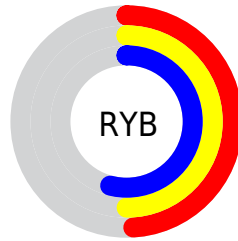
The XYZ color **20.7089, 21.4205, 26.7100** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.8866, 24.4328, 23.2488**, and the grayscale version is **20.4490, 21.5140, 23.4287**.

A 20% lighter version of the original color is **44.2059, 45.9439, 55.2534**, and **7.5053, 7.7147, 10.1103** is the 20% darker color. If you saturate the color by 10%, you get **17.3155, 17.4300, 26.1189**, and if you desaturate by 10%, it is **24.5790, 25.9530, 27.3812**.

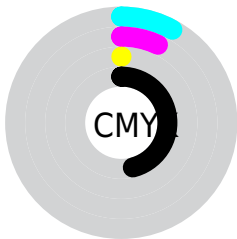
Distribution



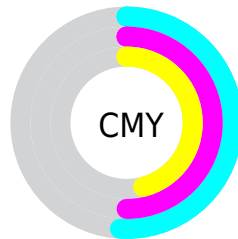
- Red (49%)
- Green (50%)
- Blue (54%)



- Red (49%)
- Yellow (50%)
- Blue (54%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (46%)



- Cyan (51%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7089, 21.4205, 26.7100 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 20.7089, 21.4205, 26.7100 by changing the saturation by 10% instead.

■ 20.7089, 21.4205,
26.7100

■ 20.7089, 21.4205,
26.7100

248.4885,
259.5048, 299.9659

■ 13.0226, 13.4317,
17.1250

■ 44.0975, 45.7863,
55.4162

■ 7.5212, 7.7265,
10.1608

■ 60.5305, 62.9322,
75.3746

■ 3.8394, 3.9204,
5.3987

■ 80.6099, 83.8991,
99.6278

■ 1.6117, 1.6292,
2.4202

104.7009,
109.0716, 128.5944

■ 0.4000, 0.3771,
0.7974

133.1689,
138.8340, 162.6930

■ 0.0000, 0.0000,
0.0000

166.3792,

173.5708, 202.3421

204.6973,
213.6663, 247.9602

■ 20.7089, 21.4205,
26.7100

■ 20.7089, 21.4205,
26.7100

■ 17.3155, 17.4300,
26.1189

■ 24.5790, 25.9530,
27.3812

■ 14.3786, 13.9586,
25.6037

■ 28.9413, 31.0440,
28.1339

■ 11.8792, 10.9857,
25.1616

■ 33.8130, 36.7124,
28.9713

■ 9.7962, 8.4884,
24.7893

■ 39.2098, 42.9758,
29.8958

■ 8.1070, 6.4419,
24.4834

■ 45.1468, 49.8506,
30.9099

■ 6.7866, 4.8192,
24.2398

■ 51.6384, 57.3530,
32.0158

■ 5.8071, 3.5904,
24.0542

■ 58.6985, 65.4983,
33.2159

■ 5.1369, 2.7216,
23.9218

■ 66.3406, 74.3013,
34.5123

■ 4.7191, 2.1634,
23.8361

■ 74.5776, 83.7765,
35.9071

Harmonies

Analogous

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



20.0968, 21.4205, 26.7802



20.7089, 21.4205, 26.7100



21.2375, 21.4205, 25.7040

Triad

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



20.7089, 21.4205, 26.7100



21.1747, 21.4205, 20.9311



19.2292, 21.4205, 22.5756

Complementary

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



20.7089, 21.4205, 26.7100



22.8866, 24.4328, 23.2488

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.



19.5062, 21.4205, 21.0943



20.7089, 21.4205, 26.7100



20.6246, 21.4205, 20.1775

Square

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



20.7089, 21.4205, 26.7100



21.5101, 21.4205, 22.3425



20.0141, 21.4205, 20.2357



19.2508, 21.4205, 24.3324

Rectangle

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



20.7089, 21.4205, 26.7100



21.4676, 21.4205, 24.6655



20.0141, 21.4205, 20.2357



19.2903, 21.4205, 22.0307

Sweetspot

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



20.7095, 21.4214, 26.7105



41.1294, 43.0997, 48.5345



21.9870, 24.1020, 26.7490



9.2470, 9.6926, 10.8898



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.



20.7095, 21.4214, 26.7105



35.6827, 36.7133, 47.5889



21.2440, 21.5057, 26.6986



4.8089, 4.9608, 6.3099



4.3385, 1.9473, 22.1929



0.0330, 0.0213, 0.1488

Inverse Universe

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



21.6086, 21.7728, 23.1434



37.7050, 37.5103, 39.5641



22.3217, 24.3521, 23.2630



5.0502, 5.0555, 5.3527



9.6767, 4.9808, 0.8017



0.0664, 0.0339, 0.0164

Previews

White Background



This preview shows how the XYZ color 20.7089, 21.4205, 26.7100 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 20.7089, 21.4205, 26.7100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

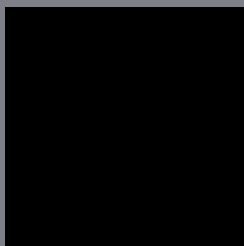
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

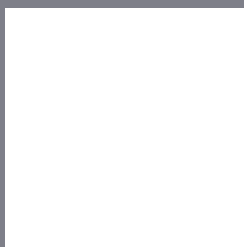
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.7089, 21.4205, 26.7100

Background



This preview shows how black text looks on a background with the XYZ color 20.7089, 21.4205, 26.7100.



This preview shows how white text looks on a background with the XYZ color 20.7089, 21.4205,

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

20.7089, 21.4205, 26.7100

Protanopia

20.8571, 21.4969, 26.7169

Deuteranopia

21.7868, 21.4012, 27.0273



Tritanopia

20.7089, 21.4205, 26.7100

Trichromacy



Original Color

20.7089, 21.4205, 26.7100

Protanomaly

20.8571, 21.4969, 26.7169

Deuteranomaly

21.4368, 21.4077, 27.0470

Tritanomaly

20.7089, 21.4205, 26.7100

Monochromacy



Original Color

20.7089, 21.4205, 26.7100

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.5683, 21.5891, 24.5558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7089, 21.4205, 26.7100 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(126, 127, 137)` looks like.

```
.text, #text, p{  
    color:rgb(126, 127, 137)  
}
```

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(126, 127, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 127, 137) }
```

Border

The CSS property to change the border of an element to XYZ 20.7089, 21.4205, 26.7100 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(126, 127, 137) }
```


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

```
.border{ border-color:rgb(126, 127, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 127, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 127, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 127, 137);  
box-shadow:4px 4px 4px 4px rgb(126, 127,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7089, 21.4205, 26.7100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 127, 137) }
```

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

```
.background{ background-color: rgb(126,  
127, 137) }
```

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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