

Converting Colors

XYZ(21.2135, 23.9156, 26.7366)

Have a look what the booklet for
XYZ(21.2135, 23.9156, 26.7366)
contains.

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Color

**XYZ(21.2781, 23.9476,
26.7934)**

Conversions

Conversions Part 1

Format	Color
Hex	788A88
RGB	120, 138, 136
RGB Percent	47%, 54%, 53%
CMY	0.5294, 0.4588, 0.4667
CMYK	0.13, 0.00, 0.01, 0.46
HSL	173°, 7%, 51%
HSV	173°, 13%, 54%
XYZ	21.2781, 23.9476, 26.7934
YIQ	132.3900, -10.0860, -4.4380

Conversions

Conversions Part 2

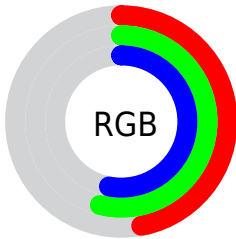
Format	Color
R_{YB}	120, 130, 138
Decimal	7899784
CIE Lab	56.04, -6.90, -1.13
CIE LCh	56, 6.989, 189.309
Yxy	23.9476, 0.2955, 0.3325
Android (android.graphics.Color)	4286089864 (0xFF788A88)
YUV	132.3900, 1.7797, -10.8660
Hunter-Lab	48.9363, -8.0245, 1.7932

Details

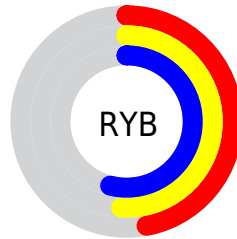
The XYZ color **21.2781, 23.9476, 26.7934** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.7114, 20.2419, 21.2288**, and the grayscale version is **22.0699, 23.2192, 25.2857**.

A 20% lighter version of the original color is **44.8294, 49.7064, 55.3756**, and **7.7680, 8.9909, 10.1301** is the 20% darker color. If you saturate the color by 10%, you get **19.3923, 22.9886, 26.1402**, and if you desaturate by 10%, it is **23.4427, 25.0514, 27.4688**.

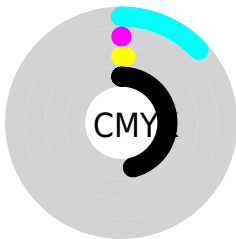
Distribution



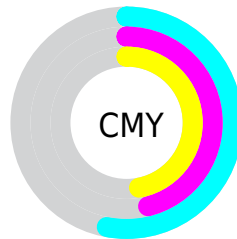
- Red (47%)
- Green (54%)
- Blue (53%)



- Red (47%)
- Yellow (51%)
- Blue (54%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (46%)



- Cyan (53%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2781, 23.9476, 26.7934 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 21.2781, 23.9476, 26.7934 by changing the saturation by 10% instead.

■ 21.2781, 23.9476,
26.7934

■ 21.2781, 23.9476,
26.7934

251.4566,
272.5555, 300.3839

■ 13.4411, 15.2948,
17.1871

■ 45.0377, 49.9447,
55.5519

■ 7.8120, 9.0265,
10.2046

■ 61.6910, 68.0577,
75.5411

■ 4.0257, 4.7585,
5.4274

■ 82.0137, 90.0929,
99.8283

■ 1.7167, 2.1063,
2.4371

106.3712,
116.4347, 128.8321

■ 0.4667, 0.6681,
0.8065

135.1290,
147.4674, 162.9710

■ 0.0000, 0.0000,
0.0000

168.6522,

183.5755, 202.6636

207.3063,
225.1434, 248.3284

■ 21.2781, 23.9476,
26.7934

■ 21.2781, 23.9476,
26.7934

■ 19.3923, 22.9886,
26.1402

■ 23.4427, 25.0514,
27.4688

■ 17.7715, 22.1654,
25.5071

■ 25.8951, 26.3028,
28.1653

■ 16.4039, 21.4725,
24.8939

■ 28.6464, 27.7081,
28.8841

■ 15.2756, 20.9028,
24.2999

■ 31.7066, 29.2725,
29.6255

■ 14.3720, 20.4488,
23.7245

■ 35.0851, 31.0007,
30.3902

■ 13.6762, 20.1018,
23.1668

■ 38.7909, 32.8975,
31.1785

■ 13.1696, 19.8520,
22.6259

■ 42.8328, 34.9674,
31.9909

■ 12.8296, 19.6880,
22.1007

■ 47.2192, 37.2147,
32.8277

■ 12.6425, 19.5993,
21.7424

■ 51.9580, 39.6435,
33.6895

Harmonies

Analogous

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



21.3536, 23.9476, 24.5502



21.2781, 23.9476, 26.7934



21.5928, 23.9476, 28.9641

Triad

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



21.2781, 23.9476, 26.7934



23.7491, 23.9476, 29.6314



23.3089, 23.9476, 22.1698

Complementary

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



21.2781, 23.9476, 26.7934



20.7114, 20.2419, 21.2288

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.



23.9716, 23.9476, 23.3844



21.2781, 23.9476, 26.7934



24.2299, 23.9476, 27.6614

Square

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



21.2781, 23.9476, 26.7934



23.0110, 23.9476, 30.6646



24.3122, 23.9476, 25.3693



22.5138, 23.9476, 21.9676

Rectangle

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



21.2781, 23.9476, 26.7934



21.9859, 23.9476, 30.0464



24.3122, 23.9476, 25.3693



23.5551, 23.9476, 22.4697

Sweetspot

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



21.2788, 23.9486, 26.7939



40.8996, 43.9411, 48.2907



20.5195, 23.6789, 21.2586



9.1131, 9.8249, 10.8131



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.



21.2788, 23.9486, 26.7939



36.3564, 41.6263, 46.8427



20.4636, 22.0883, 27.2309



5.1493, 5.6792, 6.3071



11.5941, 17.9702, 19.9510



0.0802, 0.1206, 0.1492

Inverse Universe

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



20.7114, 20.2419, 21.2288



35.1312, 33.6215, 34.8254



21.4487, 21.9130, 20.8687



5.0540, 5.0571, 5.3730



9.6943, 4.9878, 0.8944



0.0669, 0.0342, 0.0194

Previews

White Background



This preview shows how the XYZ color 21.2781, 23.9476, 26.7934 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 21.2781, 23.9476, 26.7934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

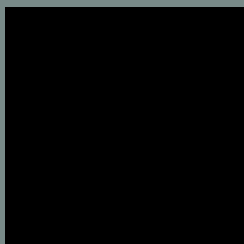
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

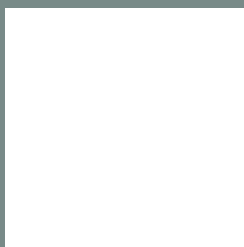
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.2781, 23.9476, 26.7934

Background



This preview shows how black text looks on a background with the XYZ color 21.2781, 23.9476, 26.7934.



This preview shows how white text looks on a background with the XYZ color 21.2781, 23.9476,

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

21.2781, 23.9476, 26.7934

Protanopia

22.9377, 23.7869, 25.5727

Deuteranopia

24.2471, 23.8200, 27.3645



Tritanopia

22.0967, 23.8525, 31.0431

Trichromacy



Original Color

21.2781, 23.9476, 26.7934

Protanomaly

22.3271, 23.8745, 25.9857

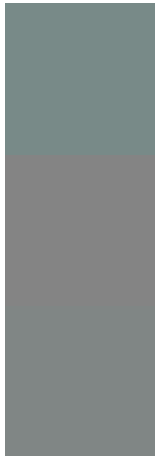
Deuteranomaly

23.0562, 23.8154, 27.0486

Tritanomaly

21.7887, 23.9394, 29.4590

Monochromacy



Original Color

21.2781, 23.9476, 26.7934

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.6608, 23.3328, 25.5523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2781, 23.9476, 26.7934 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(120, 138, 136)` looks like.

```
.text, #text, p{  
    color:rgb(120, 138, 136)  
}
```

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(120, 138, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 138, 136) }
```

Border

The CSS property to change the border of an element to XYZ 21.2781, 23.9476, 26.7934 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(120, 138, 136) }
```


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

```
.border{ border-color:rgb(120, 138, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 138, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 138, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 138, 136);  
box-shadow:4px 4px 4px 4px rgb(120, 138,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2781, 23.9476, 26.7934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 138, 136) }
```

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

```
.background{ background-color: rgb(120,  
138, 136) }
```

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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