

Converting Colors

XYZ(21.4576, 24.5656, 26.1617)

Have a look what the booklet for
XYZ(21.4576, 24.5656, 26.1617)
contains.

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Color

**XYZ(21.4269, 24.4705,
26.1482)**

Conversions

Conversions Part 1

Format	Color
Hex	788C86
RGB	120, 140, 134
RGB Percent	47%, 55%, 53%
CMY	0.5294, 0.4510, 0.4745
CMYK	0.14, 0.00, 0.04, 0.45
HSL	162°, 8%, 51%
HSV	162°, 14%, 55%
XYZ	21.4269, 24.4705, 26.1482
YIQ	133.3360, -9.9940, -6.1060

Conversions

Conversions Part 2

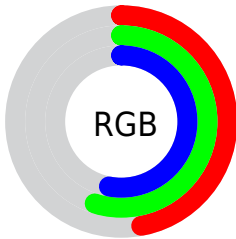
Format	Color
R_{YB}	120, 132, 140
Decimal	7900294
CIE _{Lab}	56.56, -8.43, 0.78
CIE _{LCh}	57, 8.471, 174.709
Yxy	24.4705, 0.2974, 0.3397
Android (android.graphics.Color)	4286090374 (0xFF788C86)
YUV	133.3360, 0.3274, -11.6957
Hunter-Lab	49.4677, -9.2512, 3.2872

Details

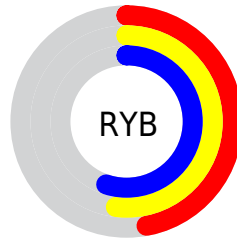
The XYZ color **21.4269, 24.4705, 26.1482** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.2985, 20.5154, 22.5771**, and the grayscale version is **22.4188, 23.5864, 25.6855**.

A 20% lighter version of the original color is **45.2747, 50.9421, 54.4603**, and **7.8549, 9.2920, 9.7670** is the 20% darker color. If you saturate the color by 10%, you get **19.3383, 23.4277, 24.5514**, and if you desaturate by 10%, it is **23.8124, 25.6664, 27.8207**.

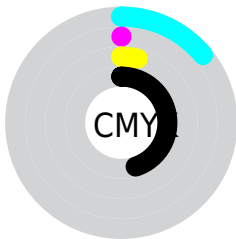
Distribution



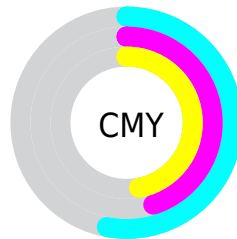
- Red (47%)
- Green (55%)
- Blue (53%)



- Red (47%)
- Yellow (52%)
- Blue (55%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (45%)



- Cyan (53%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4269, 24.4705, 26.1482 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 21.4269, 24.4705, 26.1482 by changing the saturation by 10% instead.

■ 21.4269, 24.4705,
26.1482

■ 21.4269, 24.4705,
26.1482

252.2276,
275.1906, 297.1374

■ 13.5506, 15.6830,
16.7078

■ 45.2829, 50.7969,
54.5009

■ 7.8884, 9.3001,
9.8666

■ 61.9933, 69.1046,
74.2504

■ 4.0748, 4.9375,
5.2062

■ 82.3792, 91.3545,
98.2732

■ 1.7446, 2.2106,
2.3079

106.8059,
117.9310, 126.9880

■ 0.4839, 0.7258,
0.7356

135.6387,
149.2184, 160.8132

■ 0.0000, 0.0000,
0.0000

169.2430,

185.6013, 200.1675

207.9842,
227.4639, 245.4694

■ 21.4269, 24.4705,
26.1482

■ 21.4269, 24.4705,
26.1482

■ 19.3383, 23.4277,
24.5514

■ 23.8124, 25.6664,
27.8207

■ 17.5323, 22.5285,
23.0275

■ 26.5045, 27.0183,
29.5684

■ 15.9961, 21.7671,
21.5756

■ 29.5148, 28.5329,
31.3932

■ 14.7153, 21.1361,
20.1942

■ 32.8538, 30.2156,
33.2962

■ 13.6743, 20.6274,
18.8820

■ 36.5315, 32.0714,
35.2785

■ 12.8553, 20.2319,
17.6374

■ 40.5574, 34.1054,
37.3412

■ 12.2383, 19.9392,
16.4587

■ 44.9407, 36.3221,
39.4853

■ 11.7979, 19.7364,
15.3438

■ 49.6902, 38.7262,
41.7119

■ 11.5827, 19.6388,
14.7332

■ 54.8144, 41.3220,
44.0221

Harmonies

Analogous

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



21.7497, 24.4705, 23.6379



21.4269, 24.4705, 26.1482



21.5835, 24.4705, 28.9714

Triad

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



21.4269, 24.4705, 26.1482



24.0575, 24.4705, 31.8699



24.3675, 24.4705, 22.4660

Complementary

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



21.4269, 24.4705, 26.1482



21.2985, 20.5154, 22.5771

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.



25.0180, 24.4705, 24.4451



21.4269, 24.4705, 26.1482



24.8354, 24.4705, 29.8952

Square

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



21.4269, 24.4705, 26.1482



23.0846, 24.4705, 32.4053



25.1916, 24.4705, 27.1465



23.4332, 24.4705, 21.6099

Rectangle

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



21.4269, 24.4705, 26.1482



21.9410, 24.4705, 30.6363



25.1916, 24.4705, 27.1465



24.6276, 24.4705, 23.0149

Sweetspot

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



21.4276, 24.4715, 26.1487



42.0711, 45.2944, 49.1078



21.4225, 24.5744, 21.3839



9.6235, 10.4014, 11.2679



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.4276, 24.4715, 26.1487



36.5903, 42.5493, 45.2204



21.3313, 23.5899, 28.2412



5.1100, 5.6635, 6.1001



10.3002, 17.4527, 13.1375



0.0749, 0.1185, 0.1214

Inverse Universe

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



21.2985, 20.5154, 22.5771



36.3197, 34.2501, 37.7290



21.3721, 21.2641, 20.7476



5.0906, 5.0717, 5.5658



9.9893, 5.1058, 2.4479



0.0722, 0.0363, 0.0471

Previews

White Background



This preview shows how the XYZ color 21.4269, 24.4705, 26.1482 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 21.4269, 24.4705, 26.1482 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

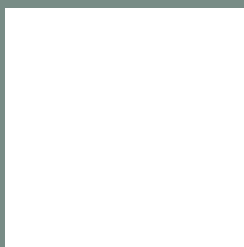
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.4269, 24.4705, 26.1482

Background



This preview shows how black text looks on a background with the XYZ color 21.4269, 24.4705, 26.1482.



This preview shows how white text looks on a background with the XYZ color 21.4269, 24.4705,

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

21.4269, 24.4705, 26.1482

Protanopia

23.4082, 24.4556, 24.9594

Deuteranopia

24.7730, 24.3061, 26.6784



Tritanopia

22.6817, 24.5578, 31.9785

Trichromacy



Original Color

21.4269, 24.4705, 26.1482

Protanomaly

22.6262, 24.4628, 25.3591

Deuteranomaly

23.3795, 24.2027, 26.3610

Tritanomaly

22.2927, 24.6164, 29.9621

Monochromacy



Original Color

21.4269, 24.4705, 26.1482

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.9399, 23.8910, 25.6454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4269, 24.4705, 26.1482 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, 140, 134)` looks like.

```
.text, #text, p{  
    color:rgb(120, 140, 134)  
}
```

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, 140, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 140, 134) }
```

Border

The CSS property to change the border of an element to XYZ 21.4269, 24.4705, 26.1482 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, 140, 134) }
```


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

```
.border{ border-color:rgb(120, 140, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 140, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 140, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 140, 134);  
box-shadow:4px 4px 4px 4px rgb(120, 140,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4269, 24.4705, 26.1482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 140, 134) }
```

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

```
.background{ background-color: rgb(120,  
140, 134) }
```

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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