

Converting Colors

XYZ(26.3395, 30.1023, 40.8407)

Have a look what the booklet for
XYZ(26.3395, 30.1023, 40.8407)
contains.

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Color

**XYZ(26.4421, 30.2258,
40.9997)**

Conversions

Conversions Part 1

Format	Color
Hex	789BA7
RGB	120, 155, 167
RGB Percent	47%, 61%, 65%
CMY	0.5294, 0.3921, 0.3451
CMYK	0.28, 0.07, 0.00, 0.35
HSL	195°, 21%, 56%
HSV	195°, 28%, 65%
XYZ	26.4421, 30.2258, 40.9997
YIQ	145.9030, -24.7120, -3.6880

Conversions

Conversions Part 2

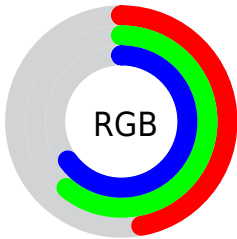
Format	Color
R_{YB}	120, 140, 167
Decimal	7904167
CIE _{Lab}	61.85, -9.15, -10.20
CIE _{LCh}	62, 13.704, 228.111
Yxy	30.2258, 0.2707, 0.3095
Android (android.graphics.Color)	4286094247 (0xFF789BA7)
YUV	145.9030, 10.4008, -22.7169
Hunter-Lab	54.9780, -10.3605, -5.7308

Details

The XYZ color **26.4421, 30.2258, 40.9997** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.5781, 26.0742, 21.3492**, and the grayscale version is **27.2486, 28.6676, 31.2191**.

A 20% lighter version of the original color is **53.2189, 59.7591, 77.8370**, and **10.5706, 12.4405, 18.0638** is the 20% darker color. If you saturate the color by 10%, you get **23.6282, 27.7411, 40.6689**, and if you desaturate by 10%, it is **29.6869, 32.9713, 41.3591**.

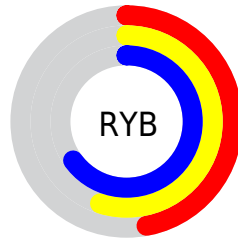
Distribution



Red (47%)

Green (61%)

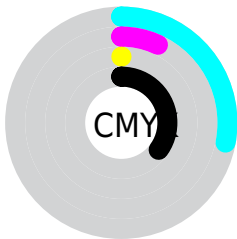
Blue (65%)



Red (47%)

Yellow (55%)

Blue (65%)

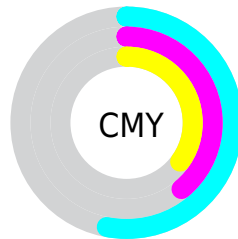


Cyan (28%)

Magenta (7%)

Yellow (0%)

Black (35%)



Cyan (53%)

Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4421, 30.2258, 40.9997 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 26.4421, 30.2258, 40.9997 by changing the saturation by 10% instead.

■ 26.4421, 30.2258,
40.9997

■ 26.4421, 30.2258,
40.9997

277.1627,
302.9555, 365.9960

■ 17.2891, 20.0100,
27.9992

■ 53.4135, 60.0191,
77.9371

■ 10.5374, 12.4023,
18.0860

■ 71.9627, 80.3654,
102.7110

■ 5.8217, 7.0183,
10.8417

■ 94.3746, 104.8574,
132.2465

■ 2.7766, 3.4736,
5.8476

121.0146,
133.8793, 166.9621

■ 1.0367, 1.3837,
2.6854

152.2480,
167.8158, 207.2763

■ 0.0000, 0.2046,
0.9360

188.4403,

■ 0.0000, 0.0000,

207.0510, 253.6076

0.0000

229.9567,
251.9695, 306.3747

■ 26.4421, 30.2258,
40.9997

■ 26.4421, 30.2258,
40.9997

■ 23.6282, 27.7411,
40.6689

■ 29.6869, 32.9713,
41.3591

■ 21.2211, 25.5023,
40.3637

■ 33.3795, 35.9844,
41.7461

■ 19.1987, 23.4982,
40.0834

■ 37.5392, 39.2763,
42.1622

■ 17.5353, 21.7152,
39.8269

■ 42.1835, 42.8562,
42.6085

■ 16.2023, 20.1381,
39.5928

■ 47.3287, 46.7331,
43.0856

■ 15.1659, 18.7492,
39.3793

■ 52.9907, 50.9154,
43.5944

■ 14.3680, 17.5181,
39.1838

■ 59.1843, 55.4110,
44.1357

■ 14.2292, 17.2981,
39.1486

■ 65.9239, 60.2279,
44.7103

■ 67.3674, 62.3545,
45.0447

Harmonies

Analogous

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



25.5115, 30.2258, 36.1448



26.4421, 30.2258, 40.9997



28.0097, 30.2258, 43.7931

Triad

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



26.4421, 30.2258, 40.9997



32.3124, 30.2258, 35.0315



27.6484, 30.2258, 24.2295

Complementary

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



26.4421, 30.2258, 40.9997



27.5781, 26.0742, 21.3492

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.



29.4600, 30.2258, 23.9994



26.4421, 30.2258, 40.9997



32.2056, 30.2258, 29.8757

Square

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



26.4421, 30.2258, 40.9997



31.4294, 30.2258, 40.1106



31.1435, 30.2258, 25.9625



26.1873, 30.2258, 26.6286

Rectangle

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



26.4421, 30.2258, 40.9997



29.2282, 30.2258, 43.9329



31.1435, 30.2258, 25.9625



28.2350, 30.2258, 23.9060

Sweetspot

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



26.4430, 30.2270, 41.0004



59.7784, 64.4439, 74.7635



25.7128, 33.2901, 26.8112



13.1488, 14.2374, 16.7072



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.4430, 30.2270, 41.0004



44.0089, 51.2008, 73.0385



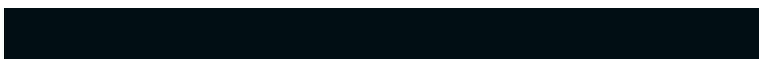
22.9388, 23.2185, 39.8323



7.5830, 8.2030, 9.6020



10.9289, 13.3180, 29.9701



0.3034, 0.3991, 0.7417

Inverse Universe

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



28.5699, 24.0157, 34.1414



48.5575, 38.4492, 58.2504



31.0900, 33.0981, 22.5199



7.7589, 7.6334, 9.0475



15.0170, 7.4155, 15.4330



0.3843, 0.1880, 0.4752

Previews

White Background



This preview shows how the XYZ color 26.4421, 30.2258, 40.9997 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.4421, 30.2258, 40.9997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

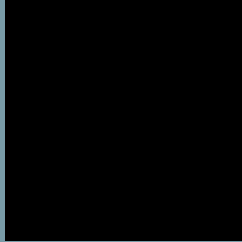
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

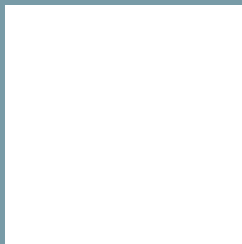
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4421, 30.2258, 40.9997

Background



This preview shows how black text looks on a background with the XYZ color 26.4421, 30.2258, 40.9997.



This preview shows how white text looks on a background with the XYZ color 26.4421, 30.2258,

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

26.4421, 30.2258, 40.9997

Protanopia

29.4135, 30.1201, 38.9138

Deuteranopia

30.6133, 29.9854, 41.7104



Tritanopia

26.4421, 30.2258, 40.9997

Trichromacy



Original Color

26.4421, 30.2258, 40.9997

Protanomaly

28.2487, 30.2168, 39.4655

Deuteranomaly

28.9707, 30.0728, 41.3235

Tritanomaly

26.4421, 30.2258, 40.9997

Monochromacy



Original Color

26.4421, 30.2258, 40.9997

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.8967, 29.1464, 34.7800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4421, 30.2258, 40.9997 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, 155, 167)` looks like.

```
.text, #text, p{  
    color:rgb(120, 155, 167)  
}
```

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, 155, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 155, 167) }
```

Border

The CSS property to change the border of an element to XYZ 26.4421, 30.2258, 40.9997 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, 155, 167) }
```


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

```
.border{ border-color:rgb(120, 155, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 155, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 155, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 155, 167);  
box-shadow:4px 4px 4px 4px rgb(120, 155,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4421, 30.2258, 40.9997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 155, 167) }
```

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

```
.background{ background-color: rgb(120,  
155, 167) }
```

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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