

Converting Colors

XYZ(26.1344, 29.7036, 45.4043)

Have a look what the booklet for
XYZ(26.1344, 29.7036, 45.4043)
contains.

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Color

**XYZ(26.2021, 29.7565,
45.4369)**

Conversions

Conversions Part 1

Format	Color
Hex	719AB0
RGB	113, 154, 176
RGB Percent	44%, 60%, 69%
CMY	0.5569, 0.3961, 0.3098
CMYK	0.36, 0.12, 0.00, 0.31
HSL	201°, 29%, 57%
HSV	201°, 36%, 69%
XYZ	26.2021, 29.7565, 45.4369
YIQ	144.2490, -31.4980, -1.8500

Conversions

Conversions Part 2

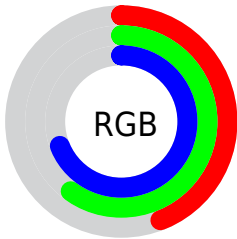
Format	Color
RYB	113, 138, 176
Decimal	7445168
CIELab	61.44, -8.39, -15.93
CIElCh	61, 18.009, 242.216
Yxy	29.7565, 0.2584, 0.2935
Android (android.graphics.Color)	4285635248 (0xFF719AB0)
YUV	144.2490, 15.6532, -27.4054
Hunter-Lab	54.5495, -9.7217, -11.2008

Details

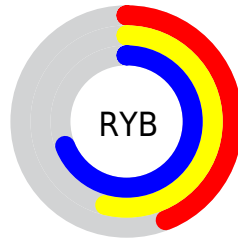
The XYZ color **26.2021, 29.7565, 45.4369** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.5496, 27.7507, 19.4225**, and the grayscale version is **26.5583, 27.9414, 30.4282**.

A 20% lighter version of the original color is **53.0577, 59.1534, 84.9652**, and **10.4120, 12.1547, 20.5362** is the 20% darker color. If you saturate the color by 10%, you get **23.1653, 26.7242, 45.0122**, and if you desaturate by 10%, it is **29.7318, 33.1214, 45.9009**.

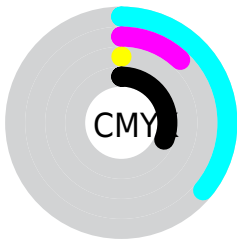
Distribution



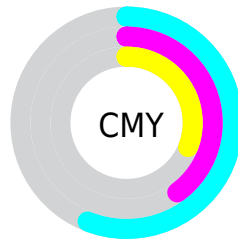
- Red (44%)
- Green (60%)
- Blue (69%)



- Red (44%)
- Yellow (54%)
- Blue (69%)



- Cyan (36%)
- Magenta (12%)
- Yellow (0%)
- Black (31%)



- Cyan (56%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2021, 29.7565, 45.4369 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 26.2021, 29.7565, 45.4369 by changing the saturation by 10% instead.

■ 26.2021, 29.7565,
45.4369

■ 26.2021, 29.7565,
45.4369

276.0113,
300.7678, 384.7517

■ 17.1084, 19.6538,
31.4562

■ 53.0298, 59.2769,
84.7010

■ 10.4076, 12.1437,
20.6851

■ 71.4944, 79.4634,
110.8216

■ 5.7343, 6.8416,
12.7050

■ 93.8135, 103.7800,
141.8258

■ 2.7233, 3.3632,
7.0974

120.3522,
132.6110, 178.1324

■ 1.0092, 1.3242,
3.4437

151.4760,
166.3409, 220.1597

■ 0.0000, 0.1598,
1.3254

187.5502,

■ 0.0000, 0.0000,

205.3541, 268.3263

0.0825

228.9402,
250.0349, 323.0508

■ 0.0000, 0.0000,
0.0000

■ 26.2021, 29.7565,
45.4369

■ 26.2021, 29.7565,
45.4369

■ 23.1653, 26.7242,
45.0122

■ 29.7318, 33.1214,
45.9009

■ 20.5924, 24.0063,
44.6232

■ 33.7758, 36.8290,
46.4034

■ 18.4554, 21.5879,
44.2690

■ 38.3576, 40.8931,
46.9463

■ 16.7219, 19.4511,
43.9479

■ 43.4982, 45.3257,
47.5310

■ 15.3546, 17.5754,
43.6580

■ 49.2176, 50.1382,
48.1584

■ 14.3055, 15.9350,
43.3966

■ 55.5347, 55.3412,
48.8298

■ 13.9155, 15.2924,
43.2931

■ 62.4676, 60.9451,
49.5460

■ 70.0334, 66.9598,
50.3082

■ 71.9542, 70.1498,
50.8227

Harmonies

Analogous

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



24.5840, 29.7565, 39.9031



26.2021, 29.7565, 45.4369



28.4600, 29.7565, 47.3443

Triad

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



26.2021, 29.7565, 45.4369



33.1077, 29.7565, 31.8956



25.9119, 29.7565, 22.5259

Complementary

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



26.2021, 29.7565, 45.4369



29.5496, 27.7507, 19.4225

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.



28.1061, 29.7565, 20.9862



26.2021, 29.7565, 45.4369



32.3349, 29.7565, 25.9014

Square

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



26.2021, 29.7565, 45.4369



32.5288, 29.7565, 38.9030



30.4705, 29.7565, 22.1305



24.4231, 29.7565, 26.6650

Rectangle

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



26.2021, 29.7565, 45.4369



30.0489, 29.7565, 46.1146



30.4705, 29.7565, 22.1305



26.5870, 29.7565, 21.7156

Sweetspot

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



26.2030, 29.7577, 45.4376



64.9579, 70.1052, 84.6033



26.6391, 36.2832, 28.1543



13.8437, 14.9849, 18.3071



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.2030, 29.7577, 45.4376



43.0685, 49.5441, 81.7883



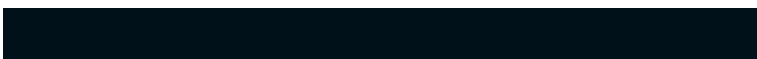
21.7924, 20.9364, 43.9674



8.4879, 9.1221, 10.8197



10.2663, 11.3329, 31.7834



0.3752, 0.4608, 1.0174

Inverse Universe

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



29.6431, 23.3742, 33.5224



50.4193, 36.8653, 56.1122



34.4312, 37.5140, 21.0497



8.7215, 8.5953, 10.0317



15.4166, 7.6842, 12.6196



0.5114, 0.2523, 0.5356

Previews

White Background



This preview shows how the XYZ color 26.2021, 29.7565, 45.4369 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 26.2021, 29.7565, 45.4369 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

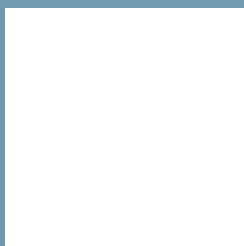
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2021, 29.7565, 45.4369

Background



This preview shows how black text looks on a background with the XYZ color 26.2021, 29.7565, 45.4369.



This preview shows how white text looks on a background with the XYZ color 26.2021, 29.7565,

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

26.2021, 29.7565, 45.4369

Protanopia

29.1121, 29.6474, 42.7162

Deuteranopia

30.1939, 29.6682, 46.2546



Tritanopia

25.3448, 29.6494, 41.4329

Trichromacy



Original Color

26.2021, 29.7565, 45.4369

Protanomaly

27.9649, 29.7354, 43.8008

Deuteranomaly

28.5174, 29.5050, 45.7870

Tritanomaly

25.7541, 29.8277, 42.9280

Monochromacy



Original Color

26.2021, 29.7565, 45.4369

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.2635, 28.5667, 35.5822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2021, 29.7565, 45.4369 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(113, 154, 176)` looks like.

```
.text, #text, p{  
    color:rgb(113, 154, 176)  
}
```

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(113, 154, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 154, 176) }
```

Border

The CSS property to change the border of an element to XYZ 26.2021, 29.7565, 45.4369 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(113, 154, 176) }
```


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

```
.border{ border-color:rgb(113, 154, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 154, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 154, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 154, 176);  
box-shadow:4px 4px 4px 4px rgb(113, 154,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2021, 29.7565, 45.4369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 154, 176) }
```

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

```
.background{ background-color: rgb(113,  
154, 176) }
```

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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