

Converting Colors

XYZ(25.0749, 27.2351, 41.3232)

Have a look what the booklet for
XYZ(25.0749, 27.2351, 41.3232)
contains.

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Color

**XYZ(25.0326, 27.1084,
41.4492)**

Conversions

Conversions Part 1

Format	Color
Hex	7891A9
RGB	120, 145, 169
RGB Percent	47%, 57%, 66%
CMY	0.5294, 0.4314, 0.3373
CMYK	0.29, 0.14, 0.00, 0.34
HSL	209°, 22%, 57%
HSV	209°, 29%, 66%
XYZ	25.0326, 27.1084, 41.4492
YIQ	140.2610, -22.6040, 2.1640

Conversions

Conversions Part 2

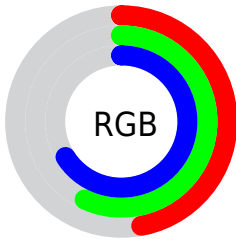
Format	Color
R_{YB}	120, 137, 169
Decimal	7901609
CIE _{Lab}	59.07, -3.10, -15.51
CIE _{LCh}	59, 15.817, 258.702
Yxy	27.1084, 0.2675, 0.2896
Android (android.graphics.Color)	4286091689 (0xFF7891A9)
YUV	140.2610, 14.1683, -17.7689
Hunter-Lab	52.0657, -5.2943, -10.7544

Details

The XYZ color **25.0326, 27.1084, 41.4492** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **29.7262, 29.7381, 21.9435**, and the grayscale version is **24.9823, 26.2833, 28.6226**.

A 20% lighter version of the original color is **51.1116, 55.1129, 78.4650**, and **9.8289, 10.7709, 18.3906** is the 20% darker color. If you saturate the color by 10%, you get **21.6735, 23.5676, 40.9433**, and if you desaturate by 10%, it is **28.8993, 31.0490, 42.0065**.

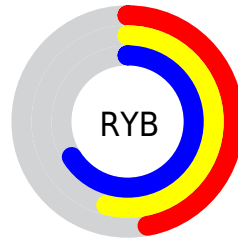
Distribution



Red (47%)

Green (57%)

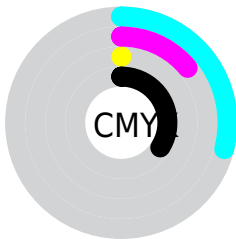
Blue (66%)



Red (47%)

Yellow (54%)

Blue (66%)

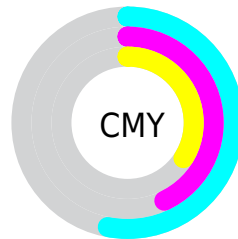


Cyan (29%)

Magenta (14%)

Yellow (0%)

Black (34%)



Cyan (53%)

Magenta (43%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0326, 27.1084, 41.4492 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 25.0326, 27.1084, 41.4492 by changing the saturation by 10% instead.

■ 25.0326, 27.1084,
41.4492

■ 25.0326, 27.1084,
41.4492

270.3449,
288.1816, 367.9266

■ 16.2302, 17.6547,
28.3479

■ 51.1526, 55.0578,
78.6264

■ 9.7791, 10.7023,
18.3468

■ 69.2010, 74.3222,
103.5394

■ 5.3139, 5.8670,
11.0272

■ 91.0620, 97.6256,
133.2267

■ 2.4692, 2.7644,
5.9707

117.1010,
125.3524, 168.1068

■ 0.8798, 1.0100,
2.7588

147.6835,
157.8870, 208.5983

■ 0.0000, 0.0000,
0.9728

183.1747,

■ 0.0000, 0.0000,

195.6138, 255.1198

0.0000

223.9401,
238.9172, 308.0897

■ 25.0326, 27.1084,
41.4492

■ 25.0326, 27.1084,
41.4492

■ 21.6735, 23.5676,
40.9433

■ 28.8993, 31.0490,
42.0065

■ 18.7957, 20.4081,
40.4851

■ 33.2930, 35.4003,
42.6148

■ 16.3743, 17.6149,
40.0736

■ 38.2353, 40.1767,
43.2762

■ 14.3809, 15.1702,
39.7068

■ 43.7456, 45.3910,
43.9923

■ 12.7836, 13.0543,
39.3825

■ 49.8426, 51.0553,
44.7642

■ 11.5452, 11.2446,
39.0985

■ 56.5438, 57.1812,
45.5935

■ 10.5960, 9.7019,
38.8508

■ 63.8661, 63.7798,
46.4812

■ 10.5075, 9.5566,
38.8274

■ 71.7508, 70.8232,
47.4251

■ 73.8633, 75.0482,
48.1293

Harmonies

Analogous

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



23.3518, 27.1084, 38.4146



25.0326, 27.1084, 41.4492



26.9962, 27.1084, 40.9974

Triad

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



25.0326, 27.1084, 41.4492



29.5126, 27.1084, 26.1812



23.0302, 27.1084, 22.9357

Complementary

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



25.0326, 27.1084, 41.4492



29.7262, 29.7381, 21.9435

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.



24.5732, 27.1084, 20.4080



25.0326, 27.1084, 41.4492



28.3405, 27.1084, 22.1108

Square

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



25.0326, 27.1084, 41.4492



29.6510, 27.1084, 31.6874



26.5130, 27.1084, 20.1265



22.2356, 27.1084, 27.4469

Rectangle

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



25.0326, 27.1084, 41.4492



28.2010, 27.1084, 38.7915



26.5130, 27.1084, 20.1265



23.4748, 27.1084, 21.8519

Sweetspot

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



25.0334, 27.1095, 41.4498



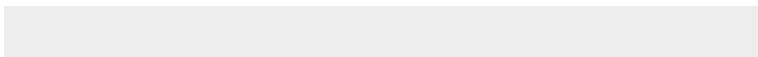
59.4847, 63.2618, 76.3007



26.9443, 34.3736, 31.4743



12.7126, 13.5409, 16.5958



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.



25.0334, 27.1095, 41.4498



40.7428, 44.2654, 73.6218



21.7231, 20.4888, 40.3464



7.4363, 7.9096, 9.5531



7.8849, 7.2299, 28.9554



0.2429, 0.2779, 0.7215

Inverse Universe

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



28.1902, 23.9132, 29.9190



47.4713, 37.9805, 48.9263



33.7894, 37.8646, 23.2979



7.6848, 7.6038, 8.6576



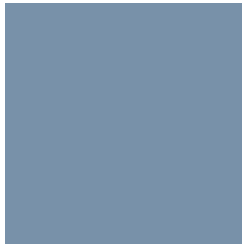
13.4805, 6.8009, 7.3419



0.3537, 0.1758, 0.3142

Previews

White Background



This preview shows how the XYZ color 25.0326, 27.1084, 41.4492 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 25.0326, 27.1084, 41.4492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

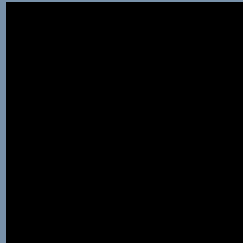
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

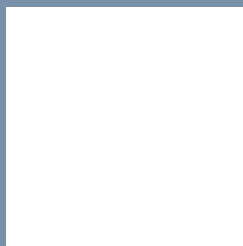
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0326, 27.1084, 41.4492

Background



This preview shows how black text looks on a background with the XYZ color 25.0326, 27.1084, 41.4492.



This preview shows how white text looks on a background with the XYZ color 25.0326, 27.1084,

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

25.0326, 27.1084, 41.4492

Protanopia

26.7243, 27.1213, 39.9028

Deuteranopia

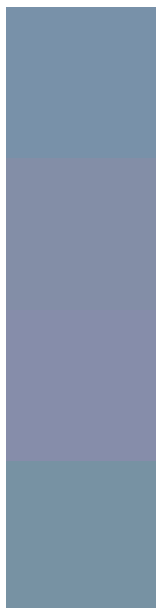
27.6436, 27.1183, 41.8076



Tritanopia

24.1629, 27.2222, 36.7818

Trichromacy



Original Color

25.0326, 27.1084, 41.4492

Protanomaly

26.0081, 26.9613, 40.3925

Deuteranomaly

26.6121, 27.0204, 41.8431

Tritanomaly

24.4975, 27.1241, 38.5946

Monochromacy



Original Color

25.0326, 27.1084, 41.4492

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.9318, 26.5669, 33.0920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0326, 27.1084, 41.4492 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, 145, 169)` looks like.

```
.text, #text, p{  
    color:rgb(120, 145, 169)  
}
```

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, 145, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 145, 169) }
```

Border

The CSS property to change the border of an element to XYZ 25.0326, 27.1084, 41.4492 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, 145, 169) }
```


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

```
.border{ border-color:rgb(120, 145, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 145, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 145, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 145, 169);  
box-shadow:4px 4px 4px 4px rgb(120, 145,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0326, 27.1084, 41.4492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 145, 169) }
```

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

```
.background{ background-color: rgb(120,  
145, 169) }
```

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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