

Converting Colors

XYZ(6.9464, 9.2399, 14.8504)

Have a look what the booklet for
XYZ(6.9464, 9.2399, 14.8504)
contains.

XYZ(6.9292, 9.2195, 14.7789)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(6.9292, 9.2195,
14.7789)**

Conversions

Conversions Part 1

Format	Color
Hex	185E69
RGB	24, 94, 105
RGB Percent	9%, 37%, 41%
CMY	0.9059, 0.6314, 0.5882
CMYK	0.77, 0.10, 0.00, 0.59
HSL	188°, 63%, 25%
HSV	188°, 77%, 41%
XYZ	6.9292, 9.2195, 14.7789
YIQ	74.3240, -45.2510, -11.4190

Conversions

Conversions Part 2

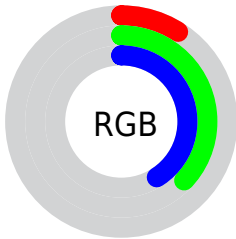
Format	Color
R_{YB}	24, 62, 105
Decimal	1597033
CIE _{Lab}	36.40, -17.00, -12.43
CIE _{LCh}	36, 21.064, 216.175
Yxy	9.2195, 0.2240, 0.2981
Android (android.graphics.Color)	4279787113 (0xFF185E69)
YUV	74.3240, 15.1233, -44.1341
Hunter-Lab	30.3636, -12.4014, -7.6037

Details

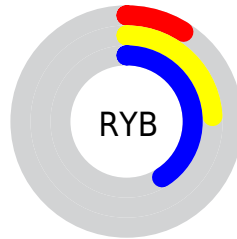
The XYZ color **6.9292, 9.2195, 14.7789** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6.5919, 4.2717, 1.3416**, and the grayscale version is **6.5467, 6.8876, 7.5006**.

A 20% lighter version of the original color is **19.6058, 24.4449, 35.1375**, and **1.8207, 2.4194, 4.3740** is the 20% darker color. If you saturate the color by 10%, you get **6.6006, 8.8638, 14.7277**, and if you desaturate by 10%, it is **7.3571, 9.6303, 14.8358**.

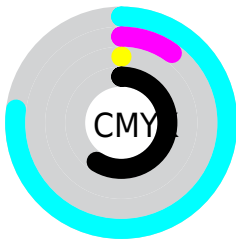
Distribution



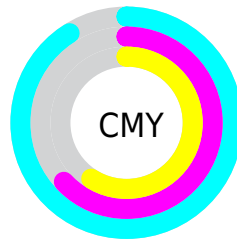
- Red (9%)
- Green (37%)
- Blue (41%)



- Red (9%)
- Yellow (24%)
- Blue (41%)



- Cyan (77%)
- Magenta (10%)
- Yellow (0%)
- Black (59%)



- Cyan (91%)
- Magenta (63%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 6.9292, 9.2195, 14.7789 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 6.9292, 9.2195, 14.7789 by changing the saturation by 10% instead.

6.9292, 9.2195,
14.7789

6.9292, 9.2195,
14.7789

161.6316,
185.0070, 233.6185

3.4638, 4.8846,
8.5195

19.5368, 24.3167,
35.2016

1.4035, 2.1797,
4.3366

29.4096, 35.8479,
50.2020

0.2587, 0.7089,
1.8118

42.1491, 50.5466,
68.9531

0.0000, 0.0000,
0.4357

58.1204, 68.7972,
91.8735

0.0000, 0.0000,
0.0000

77.6889, 90.9842,
119.3817

101.2201,

117.4918, 151.8962

129.0792,
148.7047, 189.8357

6.9292, 9.2195,
14.7789

6.9292, 9.2195,
14.7789

6.6006, 8.8638,
14.7277

7.3571, 9.6303,
14.8358

6.3413, 8.5471,
14.6803

7.8935, 10.1003,
14.8983

6.2688, 8.4579,
14.6669

8.5471, 10.6342,
14.9669

9.3260, 11.2363,
15.0420

10.2372, 11.9101,
15.1241

■ 11.2873, 12.6591,
15.2133

■ 12.4824, 13.4864,
15.3100

■ 13.8283, 14.3952,
15.4145

■ 15.3306, 15.3881,
15.5269

Harmonies

Analogous

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



6.5446, 9.2195, 10.8127



6.9292, 9.2195, 14.7789



7.8094, 9.2195, 17.9281

Triad

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



6.9292, 9.2195, 14.7789



11.2022, 9.2195, 13.1500



8.5018, 9.2195, 4.5512

Complementary

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



6.9292, 9.2195, 14.7789



6.5919, 4.2717, 1.3416

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.



9.7909, 9.2195, 4.8883



6.9292, 9.2195, 14.7789



11.4331, 9.2195, 9.3021

Square

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



6.9292, 9.2195, 14.7789



10.2909, 9.2195, 16.8393



10.8944, 9.2195, 6.4385



7.3941, 9.2195, 5.3707

Rectangle

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



6.9292, 9.2195, 14.7789



8.6003, 9.2195, 18.7995



10.8944, 9.2195, 6.4385



8.9274, 9.2195, 4.5364

Sweetspot

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



6.9295, 9.2198, 14.7791



18.9553, 21.7768, 27.1353



5.7290, 10.4177, 3.2839



4.3257, 5.0187, 6.3466



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



6.9295, 9.2198, 14.7791



11.4401, 15.3959, 26.2998



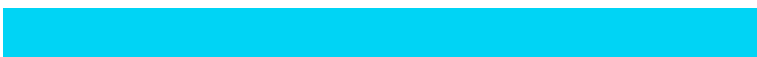
4.2321, 3.8251, 13.8800



3.1485, 3.4253, 3.9301



7.9183, 10.6709, 18.5646



39.8834, 53.4453, 94.4401

Inverse Universe

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



8.1730, 4.4650, 11.0210



13.9452, 6.9505, 18.4743



8.5274, 8.1426, 1.9868



3.2008, 3.1572, 3.7875



9.7436, 4.7496, 12.8105



49.4141, 24.1076, 64.0425

Previews

White Background



This preview shows how the XYZ color 6.9292, 9.2195, 14.7789 looks on a white 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

Black Background



This preview shows how the XYZ color 6.9292, 9.2195, 14.7789 looks on a black 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

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

XYZ 6.9292, 9.2195, 14.7789

Background



This preview shows how black text looks on a background with the XYZ color 6.9292, 9.2195, 14.7789.



This preview shows how white text looks on a background with the XYZ color 6.9292, 9.2195,

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

6.9292, 9.2195, 14.7789

Protanopia

9.0679, 9.2369, 13.1093

Deuteranopia

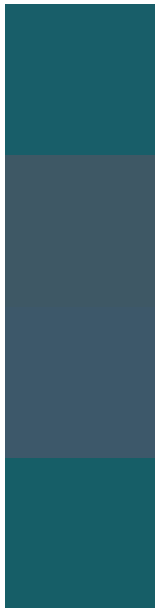
9.3038, 9.1960, 15.1946



Tritanopia

6.7102, 9.1241, 13.9778

Trichromacy



Original Color

6.9292, 9.2195, 14.7789

Protanomaly

7.8253, 8.9432, 13.6257

Deuteranomaly

8.0157, 9.0122, 14.9527

Tritanomaly

6.7818, 9.1553, 14.2417

Monochromacy



Original Color

6.9292, 9.2195, 14.7789

Achromatopsia

6.5089, 6.8478, 7.4573

Achromatomaly

6.2130, 7.3815, 9.6916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 6.9292, 9.2195, 14.7789 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(24, 94, 105) looks like.

```
.text, #text, p{  
    color:rgb(24, 94, 105)  
}
```

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(24, 94, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 94, 105) }
```

Border

The CSS property to change the border of an element to XYZ 6.9292, 9.2195, 14.7789 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(24, 94, 105) }
```


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

```
.border{ border-color:rgb(24, 94, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 94, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 94, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 94, 105);  
box-shadow:4px 4px 4px 4px rgb(24, 94,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 6.9292, 9.2195, 14.7789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 94, 105) }
```

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

```
.background{ background-color: rgb(24, 94,  
105) }
```

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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