

Converting Colors

XYZ(7.2766, 10.5261, 14.2188)

Have a look what the booklet for
XYZ(7.2766, 10.5261, 14.2188)
contains.

XYZ(7.2748, 10.5266, 14.2188)	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(7.2748, 10.5266,
14.2188)**

Conversions

Conversions Part 1

Format	Color
Hex	0A6666
RGB	10, 102, 102
RGB Percent	4%, 40%, 40%
CMY	0.9608, 0.6000, 0.6000
CMYK	0.90, 0.00, 0.00, 0.60
HSL	180°, 82%, 22%
HSV	180°, 90%, 40%
XYZ	7.2748, 10.5266, 14.2188
YIQ	74.4920, -54.8320, -19.5040

Conversions

Conversions Part 2

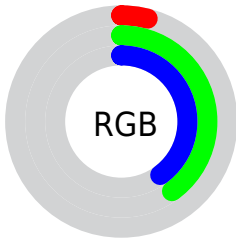
Format	Color
R_{YB}	10, 56, 102
Decimal	681574
CIE _{Lab}	38.77, -23.79, -7.03
CIE _{LCh}	39, 24.811, 196.471
Yxy	10.5266, 0.2272, 0.3287
Android (android.graphics.Color)	4278871654 (0xFF0A6666)
YUV	74.4920, 13.5614, -56.5595
Hunter-Lab	32.4447, -16.7547, -3.2724

Details

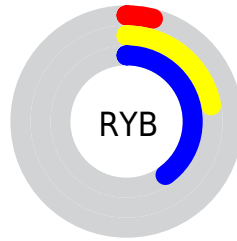
The XYZ color **7.2748, 10.5266, 14.2188** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5.6431, 3.0640, 0.5814**, and the grayscale version is **6.5806, 6.9233, 7.5395**.

A 20% lighter version of the original color is **20.1215, 26.6189, 34.2144**, and **2.0088, 2.9142, 4.0710** is the 20% darker color. If you saturate the color by 10%, you get **7.1499, 10.4624, 14.2132**, and if you desaturate by 10%, it is **7.4426, 10.6133, 14.2269**.

Distribution



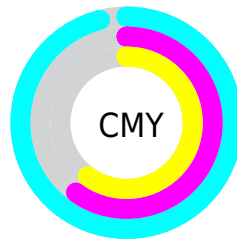
- Red (4%)
- Green (40%)
- Blue (40%)



- Red (4%)
- Yellow (22%)
- Blue (40%)



- Cyan (90%)
- Magenta (0%)
- Yellow (0%)
- Black (60%)



- Cyan (96%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.2748, 10.5266, 14.2188 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 7.2748, 10.5266, 14.2188 by changing the saturation by 10% instead.

7.2748, 10.5266,
14.2188

7.2748, 10.5266,
14.2188

164.4233,
194.3903, 230.0633

3.6824, 5.7495,
8.1325

20.2232, 26.7814,
34.1995

1.5241, 2.6934,
4.0909

30.3100, 39.0278,
48.9309

0.3421, 0.9738,
1.6753

43.2922, 54.5329,
67.3811

0.0000, 0.0000,
0.3437

59.5353, 73.6808,
89.9687

0.0000, 0.0000,
0.0000

79.4046, 96.8562,
117.1122

103.2655,

124.4433, 149.2301

131.4833,
156.8265, 186.7410

7.2748, 10.5266,
14.2188

7.2748, 10.5266,
14.2188

7.1499, 10.4624,
14.2132

7.4426, 10.6133,
14.2269

7.6973, 10.7446,
14.2389

8.0487, 10.9258,
14.2553

8.5054, 11.1612,
14.2767

9.0748, 11.4548,
14.3034

■ 9.7637, 11.8099,
14.3357

■ 10.5783, 12.2298,
14.3738

■ 11.5245, 12.7176,
14.4181

■ 12.6077, 13.2760,
14.4689

Harmonies

Analogous

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



7.2409, 10.5266, 9.4755



7.2748, 10.5266, 14.2188



7.9861, 10.5266, 19.3388

Triad

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



7.2748, 10.5266, 14.2188



12.4710, 10.5266, 18.8775



10.7614, 10.5266, 4.7308

Complementary

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



7.2748, 10.5266, 14.2188



5.6431, 3.0640, 0.5814

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.



12.3388, 10.5266, 6.0801



7.2748, 10.5266, 14.2188



13.3963, 10.5266, 13.7076

Square

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



7.2748, 10.5266, 14.2188



10.9266, 10.5266, 22.4913



13.3454, 10.5266, 9.0862



9.1372, 10.5266, 4.7977

Rectangle

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



7.2748, 10.5266, 14.2188



8.7980, 10.5266, 21.9004



13.3454, 10.5266, 9.0862



11.3181, 10.5266, 5.0137

Sweetspot

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



7.2751, 10.5270, 14.2191



17.4472, 20.8784, 25.1559



4.9516, 9.5999, 1.8793



4.0439, 4.8883, 5.9311



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



7.2751, 10.5270, 14.2191



12.5388, 18.3481, 24.9258



4.0135, 4.0036, 13.1321



2.9036, 3.1852, 3.5937



9.1823, 13.4366, 18.2535



47.8908, 70.0789, 95.2018

Inverse Universe

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



5.6431, 3.0640, 0.5814



9.6098, 4.9541, 0.4498



6.8757, 5.5292, 0.9922



2.8295, 2.8465, 2.9747



7.0374, 3.6279, 0.3294



36.7038, 18.9215, 1.7178

Previews

White Background



This preview shows how the XYZ color 7.2748, 10.5266, 14.2188 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 × Fail

Black Background



This preview shows how the XYZ color 7.2748, 10.5266, 14.2188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

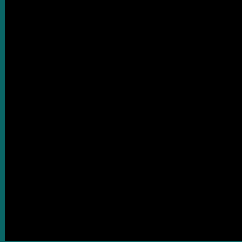
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 7.2748, 10.5266, 14.2188

Background



This preview shows how black text looks on a background with the XYZ color 7.2748, 10.5266, 14.2188.



This preview shows how white text looks on a background with the XYZ color 7.2748, 10.5266,

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

7.2748, 10.5266, 14.2188

Protanopia

10.2203, 10.5837, 12.3307

Deuteranopia

10.6364, 10.4918, 14.8291



Tritanopia

7.7233, 10.5709, 16.1013

Trichromacy



Original Color

7.2748, 10.5266, 14.2188

Protanomaly

8.2834, 10.0904, 13.0663

Deuteranomaly

8.5513, 10.0616, 14.5881

Tritanomaly

7.4864, 10.4671, 15.2615

Monochromacy



Original Color

7.2748, 10.5266, 14.2188

Achromatopsia

6.5089, 6.8478, 7.4573

Achromatomaly

6.1358, 7.6845, 9.5474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.2748, 10.5266, 14.2188 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(10, 102, 102)` looks like.

```
.text, #text, p{  
    color:rgb(10, 102, 102)  
}
```

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(10, 102, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 102, 102) }
```

Border

The CSS property to change the border of an element to XYZ 7.2748, 10.5266, 14.2188 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(10, 102, 102) }
```


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

```
.border{ border-color:rgb(10, 102, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 102, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 102, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 102, 102);  
box-shadow:4px 4px 4px 4px rgb(10, 102,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 7.2748, 10.5266, 14.2188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 102, 102) }
```

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

```
.background{ background-color: rgb(10, 102,  
102) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor