

Converting Colors

XYZ(14.9273, 22.6541, 3.5859)

Have a look what the booklet for
XYZ(14.9273, 22.6541, 3.5859)
contains.

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Color

**XYZ(14.9493, 22.7376,
3.6009)**

Conversions

Conversions Part 1

Format	Color
Hex	609100
RGB	96, 145, 0
RGB Percent	38%, 57%, 0%
CMY	0.6235, 0.4314, 1.0000
CMYK	0.34, 0.00, 1.00, 0.43
HSL	80°, 100%, 28%
HSV	80°, 100%, 57%
XYZ	14.9493, 22.7376, 3.6009
YIQ	113.8190, 17.3410, -55.4830

Conversions

Conversions Part 2

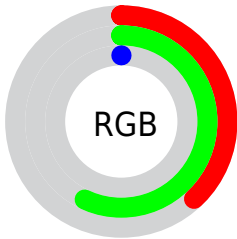
Format	Color
RYB	0, 145, 49
Decimal	6328576
CIELab	54.80, -35.28, 57.87
CIElCh	55, 67.780, 121.367
Yxy	22.7376, 0.3621, 0.5507
Android (android.graphics.Color)	4284518656 (0xFF609100)
YUV	113.8190, -56.1128, -15.6273
Hunter-Lab	47.6840, -27.4858, 28.9014

Details

The XYZ color **14.9493, 22.7376, 3.6009** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.3786, 2.6980, 26.9739**, and the grayscale version is **16.1001, 16.9386, 18.4461**.

A 20% lighter version of the original color is **34.2601, 47.8558, 13.0616**, and **4.9575, 8.4976, 1.3789** is the 20% darker color. If you saturate the color by 10%, you get **14.9493, 22.7384, 3.6010**, and if you desaturate by 10%, it is **15.5644, 23.0459, 4.0619**.

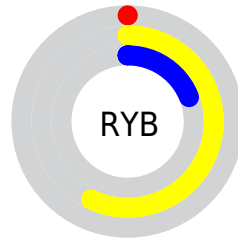
Distribution



Red (38%)

Green (57%)

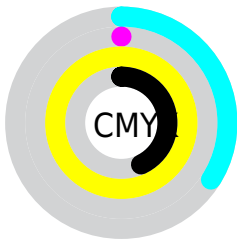
Blue (0%)



Red (0%)

Yellow (57%)

Blue (19%)

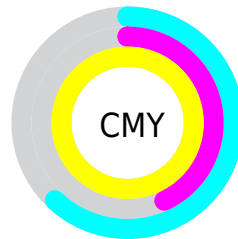


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (62%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9493, 22.7376, 3.6009 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 14.9493, 22.7376, 3.6009 by changing the saturation by 10% instead.

■ 14.9493, 22.7376,
3.6009

■ 14.9493, 22.7376,
3.6009

216.4536,
266.3744, 143.6803

■ 8.8699, 14.3999,
1.4091

■ 34.3366, 47.9621,
13.0783

■ 4.7128, 8.3993,
0.1488

■ 48.3752, 65.6177,
21.2010

■ 2.1128, 4.3515,
0.0000

■ 65.7976, 87.1480,
32.1377

■ 0.6962, 1.8721,
0.0000

■ 86.9691, 112.9374,
46.3069


■ 0.0000, 0.5315,
0.0000


■ 112.2551,
143.3704, 64.1273


■ 0.0000, 0.0000,
0.0000


■ 142.0210,


178.8313, 86.0173


 176.6320,
219.7045, 112.3954


 14.9493, 22.7376,
3.6009


 14.9493, 22.7376,
3.6009


 14.9493, 22.7384,
3.6010

 15.5644, 23.0459,
4.0619

 16.2681, 23.3926,
4.8210

 17.0895, 23.7902,
6.0264

 18.0397, 24.2432,
7.7333

 19.1282, 24.7556,
9.9892

■ 20.3633, 25.3306,
12.8358

■ 21.7529, 25.9715,
16.3109

■ 23.3039, 26.6811,
20.4491

■ 25.0230, 27.4620,
25.2825

Harmonies

Analogous

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



21.2698, 22.7376, 2.1803



14.9493, 22.7376, 3.6009



11.2764, 22.7376, 9.7872

Triad

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



14.9493, 22.7376, 3.6009



15.4194, 22.7376, 81.4590



39.4399, 22.7376, 23.7868

Complementary

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



14.9493, 22.7376, 3.6009



6.3786, 2.6980, 26.9739

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.



36.8739, 22.7376, 50.2441



14.9493, 22.7376, 3.6009



21.9567, 22.7376, 93.1048

Square

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



14.9493, 22.7376, 3.6009



11.5005, 22.7376, 53.0247



30.0065, 22.7376, 79.3025



36.3857, 22.7376, 8.8979

Rectangle

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



14.9493, 22.7376, 3.6009



10.2722, 22.7376, 19.0685



30.0065, 22.7376, 79.3025



39.2028, 22.7376, 31.4782

Sweetspot

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



14.9498, 22.7386, 3.6014



38.7883, 46.4326, 28.7801



12.7487, 8.1621, 0.9038



8.4156, 10.2312, 5.8597



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.9498, 22.7386, 3.6014



26.5795, 40.6205, 6.4397



10.5069, 20.4482, 3.3935



5.6649, 6.1954, 5.7866



12.8503, 19.5172, 3.0899



0.1464, 0.1987, 0.0306

Inverse Universe

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



6.3786, 2.6980, 26.9739



11.2526, 4.7436, 48.2961



12.9737, 6.0979, 27.2826



5.2907, 5.3380, 6.7803



5.4960, 2.3269, 23.1365



0.0743, 0.0334, 0.2222

Previews

White Background



This preview shows how the XYZ color 14.9493, 22.7376, 3.6009 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 14.9493, 22.7376, 3.6009 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 14.9493, 22.7376, 3.6009

Background



This preview shows how black text looks on a background with the XYZ color 14.9493, 22.7376, 3.6009.



This preview shows how white text looks on a background with the XYZ color 14.9493, 22.7376,

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

14.9493, 22.7376, 3.6009

Protanopia

20.1489, 22.4356, 3.2686

Deuteranopia

22.9343, 22.4985, 4.2325



Tritanopia

20.4078, 22.7828, 30.5160

Trichromacy



Original Color

14.9493, 22.7376, 3.6009

Protanomaly

17.7062, 22.1975, 3.3513

Deuteranomaly

19.1757, 22.1216, 3.8315

Tritanomaly

17.1523, 22.3197, 13.7600

Monochromacy



Original Color

14.9493, 22.7376, 3.6009

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

14.5996, 18.2741, 9.0611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9493, 22.7376, 3.6009 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(96, 145, 0)` looks like.

```
.text, #text, p{  
    color:rgb(96, 145, 0)  
}
```

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(96, 145, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 145, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.9493, 22.7376, 3.6009 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(96, 145, 0) }
```


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

```
.border{ border-color:rgb(96, 145, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 145, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 145, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 145, 0);  
box-shadow:4px 4px 4px 4px rgb(96, 145, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.9493, 22.7376, 3.6009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 145, 0) }
```

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

```
.background{ background-color: rgb(96, 145,  
0) }
```

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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