

Converting Colors

XYZ(27.3976, 35.1556, 6.7082)

Have a look what the booklet for
XYZ(27.3976, 35.1556, 6.7082)
contains.

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Color

**XYZ(27.3976, 35.1556,
6.7082)**

Conversions

Conversions Part 1

Format	Color
Hex	98A920
RGB	152, 169, 32
RGB Percent	60%, 66%, 13%
CMY	0.4039, 0.3372, 0.8745
CMYK	0.10, 0.00, 0.81, 0.34
HSL	67°, 68%, 39%
HSV	67°, 81%, 66%
XYZ	27.3976, 35.1556, 6.7082
YIQ	148.2990, 33.8450, -46.2110

Conversions

Conversions Part 2

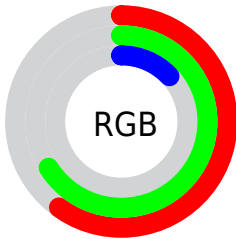
Format	Color
R_{YB}	32, 169, 49
Decimal	10004768
CIE _{Lab}	65.87, -22.60, 62.16
CIE _{LCh}	66, 66.143, 109.977
Yxy	35.1556, 0.3956, 0.5076
Android (android.graphics.Color)	4288194848 (0xFF98A920)
YUV	148.2990, -57.3354, 3.2458
Hunter-Lab	59.2922, -21.2804, 34.7966

Details

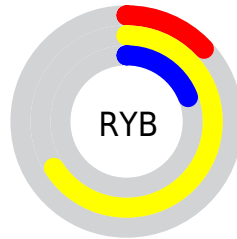
The XYZ color **27.3976, 35.1556, 6.7082** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **8.9457, 4.5513, 37.9452**, and the grayscale version is **28.4966, 29.9806, 32.6489**.

A 20% lighter version of the original color is **54.7956, 67.6048, 19.8339**, and **11.2911, 15.2640, 2.3511** is the 20% darker color. If you saturate the color by 10%, you get **26.8354, 34.8870, 5.7754**, and if you desaturate by 10%, it is **28.0862, 35.4781, 8.2631**.

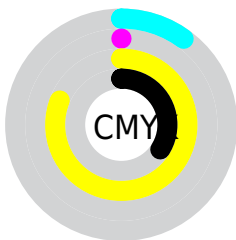
Distribution



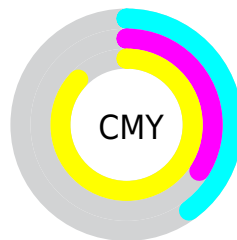
- Red (60%)
- Green (66%)
- Blue (13%)



- Red (13%)
- Yellow (66%)
- Blue (19%)



- Cyan (10%)
- Magenta (0%)
- Yellow (81%)
- Black (34%)





- Cyan (40%)
- Magenta (34%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3976, 35.1556, 6.7082 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 27.3976, 35.1556, 6.7082 by changing the saturation by 10% instead.


 27.3976, 35.1556,
6.7082


 27.3976, 35.1556,
6.7082


281.7097,
325.2546, 174.7545


 18.0102, 23.7828,
3.2046


 54.9366, 67.7267,
19.8865


 11.0570, 15.1726,
1.2000


 73.8190, 89.6938,
30.3983

 6.1728, 8.9406,
0.0000


 96.5970, 115.9611,
44.0833

 2.9921, 4.7024,
0.0000

 123.6360,
146.9131, 61.3600

 1.1496, 2.0738,
0.0000

 155.3014,
182.9340, 82.6469

 0.0660, 0.6498,
0.0000

 191.9586,

 0.0000, 0.0000,

224.4083, 108.3626

0.0000

233.9729,
271.7203, 138.9256

■ 27.3976, 35.1556,
6.7082

■ 27.3976, 35.1556,
6.7082

■ 26.8354, 34.8870,
5.7754

■ 28.0862, 35.4781,
8.2631

■ 26.4064, 34.6759,
5.3014

■ 28.9146, 35.8560,
10.5215

■ 29.8971, 36.2964,
13.5547

■ 31.0455, 36.8040,
17.4250

■ 32.3705, 37.3830,
22.1881

■ 33.8818, 38.0373,
27.8949

■ 35.5884, 38.7706,
34.5927

■ 37.4986, 39.5862,
42.3255

■ 39.6203, 40.4872,
51.1346

Harmonies

Analogous

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



36.7924, 35.1556, 5.9796



27.3976, 35.1556, 6.7082



20.9925, 35.1556, 13.0538

Triad

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



27.3976, 35.1556, 6.7082



22.7291, 35.1556, 96.0405



55.5417, 35.1556, 48.4288

Complementary

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



27.3976, 35.1556, 6.7082



8.9457, 4.5513, 37.9452

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.



49.9666, 35.1556, 84.3596



27.3976, 35.1556, 6.7082



30.2496, 35.1556, 119.4791

Square

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



27.3976, 35.1556, 6.7082



18.6839, 35.1556, 59.7620



40.2532, 35.1556, 114.3923



54.3662, 35.1556, 22.6808

Rectangle

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



27.3976, 35.1556, 6.7082



18.6874, 35.1556, 22.6517



40.2532, 35.1556, 114.3923



54.3589, 35.1556, 59.8176

Sweetspot

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



27.3984, 35.1572, 6.7089



59.7273, 67.7088, 46.3196



17.6804, 10.6529, 2.4913



12.8167, 14.6704, 9.3360



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.



27.3984, 35.1572, 6.7089



47.4119, 62.1580, 9.6877



18.1526, 30.3908, 6.2762



8.0539, 8.7259, 8.0491



19.7101, 25.8582, 3.9523



0.5043, 0.6419, 0.0973

Inverse Universe

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



8.9457, 4.5513, 37.9452



13.5238, 5.5962, 67.5925



14.9461, 7.6447, 38.2260



7.2151, 7.3435, 9.4555



5.5936, 2.2670, 28.1183



0.1616, 0.0683, 0.6853

Previews

White Background



This preview shows how the XYZ color 27.3976, 35.1556, 6.7082 looks on a white 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

Black Background



This preview shows how the XYZ color 27.3976, 35.1556, 6.7082 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 ✓ Pass

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

XYZ 27.3976, 35.1556, 6.7082

Background



This preview shows how black text looks on a background with the XYZ color 27.3976, 35.1556, 6.7082.



This preview shows how white text looks on a background with the XYZ color 27.3976, 35.1556,

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

27.3976, 35.1556, 6.7082

Protanopia

31.6275, 34.9386, 6.3052

Deuteranopia

35.7335, 35.0411, 7.0707



Tritanopia

34.6225, 34.9087, 42.9435

Trichromacy



Original Color

27.3976, 35.1556, 6.7082

Protanomaly

29.9221, 34.8394, 6.4439

Deuteranomaly

32.1052, 34.6609, 6.8318

Tritanomaly

30.6322, 34.3194, 22.7791

Monochromacy



Original Color

27.3976, 35.1556, 6.7082

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.8844, 31.2071, 18.2423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3976, 35.1556, 6.7082 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(152, 169, 32)` looks like.

```
.text, #text, p{  
    color:rgb(152, 169, 32)  
}
```

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(152, 169, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 169, 32) }
```

Border

The CSS property to change the border of an element to XYZ 27.3976, 35.1556, 6.7082 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(152, 169, 32) }
```


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

```
.border{ border-color:rgb(152, 169, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 169, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 169, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 169, 32);  
box-shadow:4px 4px 4px 4px rgb(152, 169,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3976, 35.1556, 6.7082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 169, 32) }
```

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

```
.background{ background-color: rgb(152,  
169, 32) }
```

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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