

Converting Colors

XYZ(21.2559, 35.4504, 7.3914)

Have a look what the booklet for
XYZ(21.2559, 35.4504, 7.3914)
contains.

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Color

**XYZ(21.2559, 35.4504,
7.3914)**

Conversions

Conversions Part 1

Format	Color
Hex	5CB524
RGB	92, 181, 36
RGB Percent	36%, 71%, 14%
CMY	0.6392, 0.2902, 0.8588
CMYK	0.49, 0.00, 0.80, 0.29
HSL	97°, 67%, 43%
HSV	97°, 80%, 71%
XYZ	21.2559, 35.4504, 7.3914
YIQ	137.8590, -6.4990, -63.9630

Conversions

Conversions Part 2

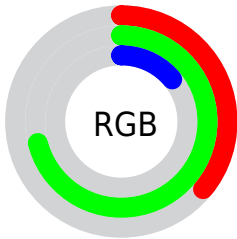
Format	Color
RYB	36, 181, 125
Decimal	6075684
CIELab	66.10, -50.38, 59.96
CIELCh	66, 78.314, 130.035
Yxy	35.4504, 0.3316, 0.5531
Android (android.graphics.Color)	4284265764 (0xFF5CB524)
YUV	137.8590, -50.2165, -40.2183
Hunter-Lab	59.5402, -40.4708, 34.3178

Details

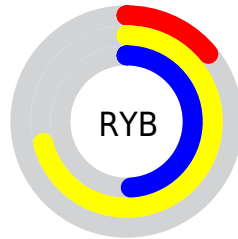
The XYZ color **21.2559, 35.4504, 7.3914** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **17.4310, 8.9593, 44.5286**, and the grayscale version is **24.2919, 25.5570, 27.8315**.

A 20% lighter version of the original color is **45.1726, 68.4413, 21.4193**, and **7.9903, 15.3854, 2.5486** is the 20% darker color. If you saturate the color by 10%, you get **20.0168, 34.8370, 6.2375**, and if you desaturate by 10%, it is **22.7991, 36.2066, 9.2902**.

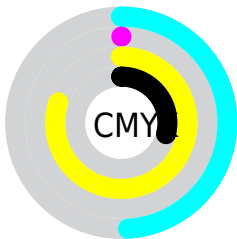
Distribution



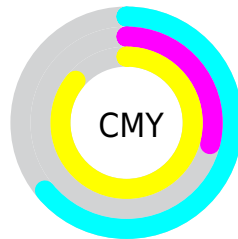
- Red (36%)
- Green (71%)
- Blue (14%)



- Red (14%)
- Yellow (71%)
- Blue (49%)



- Cyan (49%)
- Magenta (0%)
- Yellow (80%)
- Black (29%)





- Cyan (64%)
- Magenta (29%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2559, 35.4504, 7.3914 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 21.2559, 35.4504, 7.3914 by changing the saturation by 10% instead.


 21.2559, 35.4504,
7.3914


 21.2559, 35.4504,
7.3914


251.3414,
326.5519, 180.6299


 13.4247, 24.0100,
3.6259


 45.0011, 68.1829,
21.2825


 7.8007, 15.3411,
1.4225


 61.6458, 90.2439,
32.2452


 4.0184, 9.0591,
0.1591


 81.9591, 116.6138,
46.4441

 1.7125, 4.7798,
0.0000

 106.3063,
147.6771, 64.2977

 0.4641, 2.1186,
0.0000

 135.0528,
183.8182, 86.2245

 0.0000, 0.6751,
0.0000

 168.5639,

 0.0000, 0.0000,

225.4214, 112.6432

0.0000

207.2050,
272.8712, 143.9721

■ 21.2559, 35.4504,
7.3914

■ 21.2559, 35.4504,
7.3914

■ 20.0168, 34.8370,
6.2375

■ 22.7991, 36.2066,
9.2902

■ 19.0430, 34.3475,
5.6261

■ 24.6693, 37.1120,
12.0296

■ 26.8891, 38.1776,
15.6936

■ 29.4785, 39.4120,
20.3552

■ 32.4554, 40.8230,
26.0803

■ 35.8367, 42.4181,
32.9290

■ 39.6382, 44.2040,
40.9571

■ 43.8746, 46.1874,
50.2165

■ 48.5600, 48.3744,
60.7560

Harmonies

Analogous

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



29.9449, 35.4504, 3.6406



21.2559, 35.4504, 7.3914



16.7388, 35.4504, 20.5961

Triad

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



21.2559, 35.4504, 7.3914



26.6188, 35.4504, 135.5585



60.8720, 35.4504, 28.4775

Complementary

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



21.2559, 35.4504, 7.3914



17.4310, 8.9593, 44.5286

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.



59.3975, 35.4504, 64.8681



21.2559, 35.4504, 7.3914



37.7448, 35.4504, 142.2990

Square

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



21.2559, 35.4504, 7.3914



19.3048, 35.4504, 96.2180



50.2302, 35.4504, 111.3668



53.8888, 35.4504, 10.3147

Rectangle

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



21.2559, 35.4504, 7.3914



15.9095, 35.4504, 38.6385



50.2302, 35.4504, 111.3668



61.3811, 35.4504, 38.5605

Sweetspot

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



21.2567, 35.4519, 7.3922



61.4893, 74.6988, 53.4529



26.4590, 24.1188, 4.9305



12.8367, 15.9311, 10.6395



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



21.2567, 35.4519, 7.3922



34.5066, 61.7145, 10.3629



17.8391, 33.6591, 8.6319



8.6890, 9.6447, 9.0562



13.1998, 23.7148, 3.8817



0.4817, 0.7804, 0.1252

Inverse Universe

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



17.4310, 8.9593, 44.5286



27.1854, 12.4402, 79.2630



26.6173, 13.8581, 37.5912



8.5259, 8.4796, 10.6937



10.3574, 4.6752, 30.4935



0.3887, 0.1795, 0.9624

Previews

White Background



This preview shows how the XYZ color 21.2559, 35.4504, 7.3914 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 21.2559, 35.4504, 7.3914 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 21.2559, 35.4504, 7.3914

Background



This preview shows how black text looks on a background with the XYZ color 21.2559, 35.4504, 7.3914.



This preview shows how white text looks on a background with the XYZ color 21.2559, 35.4504,

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

21.2559, 35.4504, 7.3914

Protanopia

31.6405, 34.9438, 6.3735

Deuteranopia

35.6234, 34.9661, 7.8892



Tritanopia

29.7017, 35.3982, 49.5231

Trichromacy



Original Color

21.2559, 35.4504, 7.3914

Protanomaly

26.4899, 34.4110, 6.6847

Deuteranomaly

28.2688, 33.9609, 7.5478

Tritanomaly

24.9694, 34.5979, 26.1309

Monochromacy



Original Color

21.2559, 35.4504, 7.3914

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

21.7897, 28.1157, 16.5904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2559, 35.4504, 7.3914 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(92, 181, 36)` looks like.

```
.text, #text, p{  
    color:rgb(92, 181, 36)  
}
```

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(92, 181, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 181, 36) }
```

Border

The CSS property to change the border of an element to XYZ 21.2559, 35.4504, 7.3914 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(92, 181, 36) }
```


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

```
.border{ border-color:rgb(92, 181, 36) }
```

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

Here you see how a box with a 4 pixel rgb(92, 181, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 181, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 181, 36);  
box-shadow:4px 4px 4px 4px rgb(92, 181,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2559, 35.4504, 7.3914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 181, 36) }
```

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

```
.background{ background-color: rgb(92, 181,  
36) }
```

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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