

Converting Colors

XYZ(22.0189, 34.3343, 15.4929)

Have a look what the booklet for
XYZ(22.0189, 34.3343, 15.4929)
contains.

XYZ(22.1681, 34.5441, 15.6245)	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(22.1681, 34.5441,
15.6245)**

Conversions

Conversions Part 1

Format	Color
Hex	5DB15C
RGB	93, 177, 92
RGB Percent	36%, 69%, 36%
CMY	0.6353, 0.3059, 0.6392
CMYK	0.47, 0.00, 0.48, 0.31
HSL	119°, 35%, 53%
HSV	119°, 48%, 69%
XYZ	22.1681, 34.5441, 15.6245
YIQ	142.1940, -22.7790, -44.2430

Conversions

Conversions Part 2

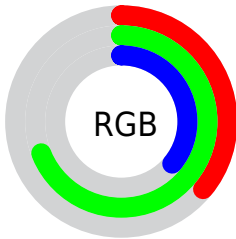
Format	Color
RYB	92, 177, 176
Decimal	6140252
CIELab	65.39, -43.05, 35.62
CIELCh	65, 55.880, 140.395
Yxy	34.5441, 0.3065, 0.4775
Android (android.graphics.Color)	4284330332 (0xFF5DB15C)
YUV	142.1940, -24.7456, -43.1431
Hunter-Lab	58.7742, -35.5294, 25.3803

Details

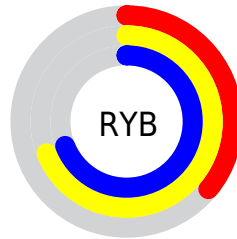
The XYZ color **22.1681, 34.5441, 15.6245** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **29.6691, 20.0598, 43.9049**, and the grayscale version is **25.8901, 27.2384, 29.6627**.

A 20% lighter version of the original color is **46.3857, 66.5873, 36.7934**, and **8.3368, 14.9470, 4.7312** is the 20% darker color. If you saturate the color by 10%, you get **19.9106, 33.4605, 11.9412**, and if you desaturate by 10%, it is **25.0131, 35.9117, 20.2804**.

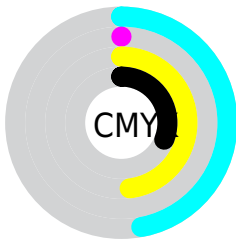
Distribution



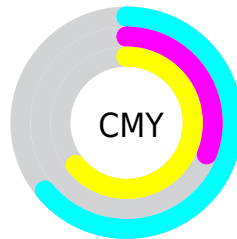
- Red (36%)
- Green (69%)
- Blue (36%)



- Red (36%)
- Yellow (69%)
- Blue (69%)



- Cyan (47%)
- Magenta (0%)
- Yellow (48%)
- Black (31%)



- Cyan (64%)
- Magenta (31%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1681, 34.5441, 15.6245 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 22.1681, 34.5441, 15.6245 by changing the saturation by 10% instead.

■ 22.1681, 34.5441,
15.6245

■ 22.1681, 34.5441,
15.6245

256.0388,
322.5514, 238.8852

■ 14.0978, 23.3119,
9.1074

■ 46.5005, 66.7789,
36.7028

■ 8.2709, 14.8240,
4.7135

■ 63.4932, 88.5503,
52.1010

■ 4.3220, 8.6959,
2.0244

■ 84.1908, 114.6035,
71.2966

■ 1.8859, 4.5434,
0.5702

■ 108.9586,
145.3230, 94.7082

■ 0.5686, 1.9819,
0.0000

138.1619,
181.0932, 122.7543

■ 0.0000, 0.5969,
0.0000

172.1661,

■ 0.0000, 0.0000,

222.2984, 155.8535

0.0000

211.3366,
269.3230, 194.4243

■ 22.1681, 34.5441,
15.6245

■ 22.1681, 34.5441,
15.6245

■ 19.9106, 33.4605,
11.9412

■ 25.0131, 35.9117,
20.2804

■ 18.1973, 32.6371,
9.1595

■ 28.4798, 37.5765,
25.9686

■ 16.9829, 32.0531,
7.2027


■ 32.6031, 39.5564,
32.7466


■ 16.2141, 31.6830,
5.9801


■ 37.4143, 41.8663,
40.6672


■ 15.8113, 31.4890,
5.3452


■ 42.9428, 44.5204,
49.7796

 15.7488, 31.4590,
5.2422

 49.2163, 47.5319,
60.1303

 56.2611, 50.9135,
71.7631

 64.1021, 54.6770,
84.7198

 72.7631, 58.8339,
99.0404

Harmonies

Analogous

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



27.6636, 34.5441, 9.2605



22.1681, 34.5441, 15.6245



19.6662, 34.5441, 30.6023

Triad

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



22.1681, 34.5441, 15.6245



30.2842, 34.5441, 101.5858



49.8436, 34.5441, 24.0267

Complementary

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



22.1681, 34.5441, 15.6245



29.6691, 20.0598, 43.9049

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.



50.8589, 34.5441, 45.6194



22.1681, 34.5441, 15.6245



38.6096, 34.5441, 97.4037

Square

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



22.1681, 34.5441, 15.6245



23.8126, 34.5441, 83.9380



46.4650, 34.5441, 74.1437



43.8849, 34.5441, 12.5289

Rectangle

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



22.1681, 34.5441, 15.6245



19.6929, 34.5441, 46.3161



46.4650, 34.5441, 74.1437



50.8087, 34.5441, 30.0741

Sweetspot

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



22.1690, 34.5456, 15.6253



61.5006, 72.3354, 63.7666



35.5085, 41.0091, 16.1698



12.9473, 15.4934, 13.1925



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



22.1690, 34.5456, 15.6253



35.3192, 59.7616, 20.8343



24.3763, 35.4169, 27.7729



8.3979, 9.4947, 9.0426



11.4137, 22.7941, 3.7981



0.3622, 0.7188, 0.1196

Inverse Universe

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



29.6691, 20.0598, 43.9049



50.4060, 30.6058, 77.7461



26.3978, 18.7775, 25.4957



8.8400, 8.6415, 10.7084



18.5499, 8.8986, 30.8769



0.5868, 0.2816, 0.9717

Previews

White Background



This preview shows how the XYZ color 22.1681, 34.5441, 15.6245 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 22.1681, 34.5441, 15.6245 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 22.1681, 34.5441, 15.6245

Background



This preview shows how black text looks on a background with the XYZ color 22.1681, 34.5441, 15.6245.



This preview shows how white text looks on a background with the XYZ color 22.1681, 34.5441,

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

22.1681, 34.5441, 15.6245

Protanopia

31.3221, 34.1083, 13.5270

Deuteranopia

34.7571, 34.0914, 16.3037



Tritanopia

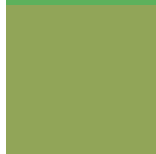
28.7148, 34.3531, 48.8335

Trichromacy



Original Color

22.1681, 34.5441, 15.6245



Protanomaly

26.8936, 33.6346, 14.3072



Deuteranomaly

28.1997, 32.9547, 15.9409



Tritanomaly

25.6966, 34.2388, 33.6882

Monochromacy



Original Color

22.1681, 34.5441, 15.6245



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

23.6716, 29.1830, 23.4540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1681, 34.5441, 15.6245 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(93, 177, 92)` looks like.

```
.text, #text, p{  
    color:rgb(93, 177, 92)  
}
```

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(93, 177, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 177, 92) }
```

Border

The CSS property to change the border of an element to XYZ 22.1681, 34.5441, 15.6245 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(93, 177, 92) }
```


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

```
.border{ border-color:rgb(93, 177, 92) }
```

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

Here you see how a box with a 4 pixel rgb(93, 177, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 177, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 177, 92);  
box-shadow:4px 4px 4px 4px rgb(93, 177,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1681, 34.5441, 15.6245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 177, 92) }
```

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

```
.background{ background-color: rgb(93, 177,  
92) }
```

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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