

Converting Colors

XYZ(34.2683, 44.9353, 23.6400)

Have a look what the booklet for
XYZ(34.2683, 44.9353, 23.6400)
contains.

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Color

**XYZ(34.2361, 44.9355,
23.6986)**

Conversions

Conversions Part 1

Format	Color
Hex	95BF75
RGB	149, 191, 117
RGB Percent	58%, 75%, 46%
CMY	0.4157, 0.2510, 0.5412
CMYK	0.22, 0.00, 0.39, 0.25
HSL	94°, 37%, 60%
HSV	94°, 39%, 75%
XYZ	34.2361, 44.9355, 23.6986
YIQ	170.0060, -1.2780, -31.9180

Conversions

Conversions Part 2

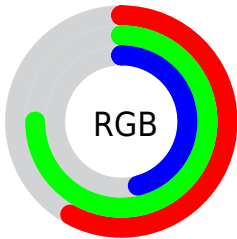
Format	Color
RYB	117, 191, 159
Decimal	9813877
CIELab	72.85, -27.22, 32.88
CIELCh	73, 42.685, 129.613
Yxy	44.9355, 0.3328, 0.4368
Android (android.graphics.Color)	4288003957 (0xFF95BF75)
YUV	170.0060, -26.1320, -18.4223
Hunter-Lab	67.0339, -26.1445, 25.9629

Details

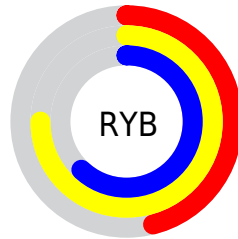
The XYZ color **34.2361, 44.9355, 23.6986** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.0652, 23.8564, 52.3128**, and the grayscale version is **38.3391, 40.3357, 43.9256**.

A 20% lighter version of the original color is **65.7249, 82.8745, 50.5625**, and **14.8885, 20.8380, 8.5476** is the 20% darker color. If you saturate the color by 10%, you get **31.3392, 43.5603, 18.2872**, and if you desaturate by 10%, it is **37.5486, 46.5012, 30.3274**.

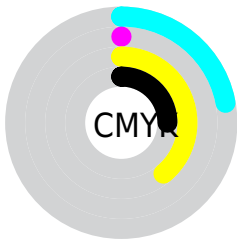
Distribution



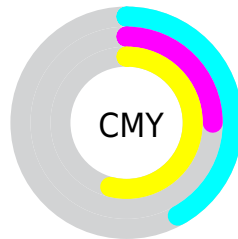
- Red (58%)
- Green (75%)
- Blue (46%)



- Red (46%)
- Yellow (75%)
- Blue (62%)



- Cyan (22%)
- Magenta (0%)
- Yellow (39%)
- Black (25%)





- Cyan (42%)
- Magenta (25%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2361, 44.9355, 23.6986 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 34.2361, 44.9355, 23.6986 by changing the saturation by 10% instead.


 34.2361, 44.9355,
23.6986


 34.2361, 44.9355,
23.6986


312.7510,
366.5123, 284.5305


 23.2388, 31.4066,
14.9001


 65.6425, 82.6236,
50.4756

 14.8916, 20.9087,
8.6034


 86.7823, 107.5516,
69.2911

 8.8292, 13.0573,
4.3902


 112.0337,
137.0482, 92.2826

 4.6861, 7.4680,
1.8417

141.7619,
171.4976, 119.8688

 2.0972, 3.7565,
0.4553

176.3324,
211.2843, 152.4682

 0.6877, 1.5383,
0.0000

216.1105,

 0.0000, 0.3154,

256.7928, 190.4992

0.0000

261.4616,
308.4073, 234.3804

■ 0.0000, 0.0000,
0.0000

■ 34.2361, 44.9355,
23.6986

■ 34.2361, 44.9355,
23.6986

■ 31.3392, 43.5603,
18.2872

■ 37.5486, 46.5012,
30.3274

■ 28.8355, 42.3615,
14.0161

■ 41.2909, 48.2592,
38.2385

■ 26.7053, 41.3322,
10.8040

■ 45.4807, 50.2186,
47.4957

■ 24.9255, 40.4626,
8.5578

■ 50.1336, 52.3861,
58.1578

■ 23.4696, 39.7413,
7.1679

■ 55.2643, 54.7681,
70.2799

■ 22.2967, 39.1513,
6.4507

■ 60.8870, 57.3708,
83.9144

■ 22.1629, 39.0838,
6.3758

■ 67.0151, 60.1999,
99.1109

■ 71.1849, 62.2705,
102.8753

■ 74.8893, 64.1802,
103.0487

Harmonies

Analogous

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



40.3692, 44.9355, 18.6657



34.2361, 44.9355, 23.6986



30.6733, 44.9355, 36.0173

Triad

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



34.2361, 44.9355, 23.6986



37.9255, 44.9355, 98.1502



58.3944, 44.9355, 42.4103

Complementary

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



34.2361, 44.9355, 23.6986



30.0652, 23.8564, 52.3128

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.



57.5436, 44.9355, 64.6030



34.2361, 44.9355, 23.6986



45.1392, 44.9355, 101.3459

Square

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



34.2361, 44.9355, 23.6986



32.6257, 44.9355, 79.9119



52.4777, 44.9355, 87.6827



54.6833, 44.9355, 27.2083

Rectangle

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



34.2361, 44.9355, 23.6986



29.9617, 44.9355, 48.6511



52.4777, 44.9355, 87.6827



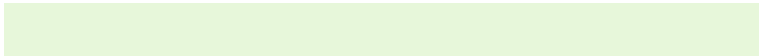
58.6413, 44.9355, 49.2042

Sweetspot

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



34.2372, 44.9375, 23.6996



78.7740, 88.6866, 79.0685



37.0852, 37.1358, 22.0436



17.0782, 19.3720, 16.8754



92.9021, 97.7402, 106.4391



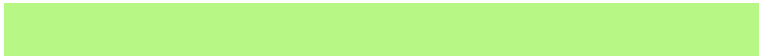
19.4759, 20.4902, 22.3138

Same Dimension

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



34.2372, 44.9375, 23.6996



57.1141, 78.4838, 34.5356



29.4770, 42.4491, 25.0313



9.7895, 10.8459, 10.1541



14.6531, 25.7298, 4.1941



0.6490, 1.0465, 0.1678

Inverse Universe

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



30.0652, 23.8564, 52.3128



48.6369, 35.6947, 92.6055



36.7189, 27.3482, 49.8373



9.5207, 9.4853, 12.0013



10.3712, 4.6326, 32.7405



0.4799, 0.2194, 1.2859

Previews

White Background



This preview shows how the XYZ color 34.2361, 44.9355, 23.6986 looks on a white background.

Color Contrast Check

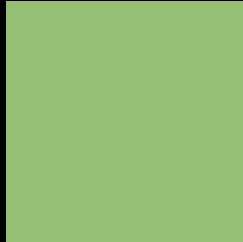
Large Text (above 18pt) WCAG AA × Fail

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 34.2361, 44.9355, 23.6986 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 34.2361, 44.9355, 23.6986

Background



This preview shows how black text looks on a background with the XYZ color 34.2361, 44.9355, 23.6986.



This preview shows how white text looks on a background with the XYZ color 34.2361, 44.9355,

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

34.2361, 44.9355, 23.6986

Protanopia

41.0932, 44.4800, 21.7489

Deuteranopia

45.5163, 44.6771, 24.6369



Tritanopia

41.3897, 45.0185, 58.7325

Trichromacy



Original Color

34.2361, 44.9355, 23.6986

Protanomaly

38.3308, 44.5469, 22.4977

Deuteranomaly

40.5458, 44.1440, 24.1530

Tritanomaly

38.2286, 44.6560, 43.1638

Monochromacy



Original Color

34.2361, 44.9355, 23.6986

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

36.4066, 41.7565, 35.4191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2361, 44.9355, 23.6986 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(149, 191, 117)` looks like.

```
.text, #text, p{  
    color:rgb(149, 191, 117)  
}
```

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(149, 191, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 191, 117) }
```

Border

The CSS property to change the border of an element to XYZ 34.2361, 44.9355, 23.6986 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(149, 191, 117) }
```


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

```
.border{ border-color:rgb(149, 191, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 191, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 191, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 191, 117);  
box-shadow:4px 4px 4px 4px rgb(149, 191,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2361, 44.9355, 23.6986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 191, 117) }
```

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

```
.background{ background-color: rgb(149,  
191, 117) }
```

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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