

Converting Colors

XYZ(25.9800, 34.2041, 55.7455)

Have a look what the booklet for
XYZ(25.9800, 34.2041, 55.7455)
contains.

XYZ(25.9537, 34.1675, 55.6792)	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(25.9537, 34.1675,
55.6792)**

Conversions

Conversions Part 1

Format	Color
Hex	37ACC1
RGB	55, 172, 193
RGB Percent	22%, 67%, 76%
CMY	0.7843, 0.3255, 0.2431
CMYK	0.71, 0.11, 0.00, 0.24
HSL	189°, 56%, 49%
HSV	189°, 71%, 76%
XYZ	25.9537, 34.1675, 55.6792
YIQ	139.4110, -76.4730, -18.2730

Conversions

Conversions Part 2

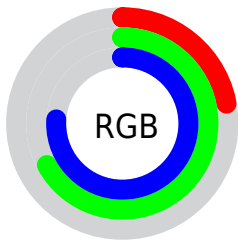
Format	Color
RYB	55, 118, 193
Decimal	3648705
CIELab	65.10, -25.17, -20.11
CIELCh	65, 32.217, 218.634
Yxy	34.1675, 0.2241, 0.2951
Android (android.graphics.Color)	4281838785 (0xFF37ACC1)
YUV	139.4110, 26.4194, -74.0284
Hunter-Lab	58.4530, -23.0369, -15.5594

Details

The XYZ color **25.9537, 34.1675, 55.6792** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **25.2674, 16.7835, 5.5234**, and the grayscale version is **24.6228, 25.9051, 28.2107**.

A 20% lighter version of the original color is **52.5880, 66.3194, 99.6518**, and **11.2570, 15.0577, 26.7392** is the 20% darker color. If you saturate the color by 10%, you get **24.5433, 32.6204, 55.4556**, and if you desaturate by 10%, it is **27.7918, 35.9548, 55.9279**.

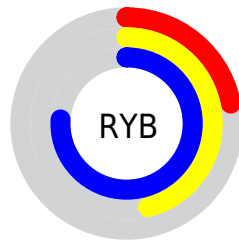
Distribution



Red (22%)

Green (67%)

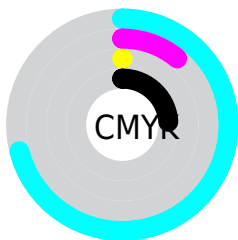
Blue (76%)



Red (22%)

Yellow (46%)

Blue (76%)

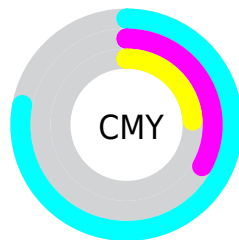


Cyan (71%)

Magenta (11%)

Yellow (0%)

Black (24%)



Cyan (78%)

Magenta (33%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9537, 34.1675, 55.6792 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 25.9537, 34.1675, 55.6792 by changing the saturation by 10% instead.

■ 25.9537, 34.1675,
55.6792

■ 25.9537, 34.1675,
55.6792

■ 274.8156,
320.8783, 425.8357

■ 16.9215, 23.0223,
39.5435

■ 52.6321, 66.1941,
100.0165

■ 10.2735, 14.6100,
26.8717

■ 71.0090, 87.8442,
129.0552

■ 5.6443, 8.5461,
17.2453

■ 93.2315, 113.7648,
163.2319

■ 2.6686, 4.4463,
10.2458

■ 119.6649,
144.3403, 202.9653

■ 0.9811, 1.9262,
5.4545

■ 150.6747,
179.9549, 248.6738

■ 0.0000, 0.5641,
2.4529

186.6262,

■ 0.0000, 0.0000,

220.9932, 300.7760

0.8151

227.8847,
267.8395, 359.6905

■ 0.0000, 0.0000,
0.0000

■ 25.9537, 34.1675,
55.6792

■ 25.9537, 34.1675,
55.6792

■ 24.5433, 32.6204,
55.4556

■ 27.7918, 35.9548,
55.9279

■ 23.5061, 31.2833,
55.2521

■ 30.0977, 38.0010,
56.2014

■ 22.8354, 30.2695,
55.0918

■ 32.9101, 40.3269,
56.5021

■ 36.2629, 42.9501,
56.8317

■ 40.1871, 45.8866,
57.1917

■ 44.7111, 49.1512,
57.5834

■ 49.8615, 52.7578,
58.0081

■ 55.6633, 56.7193,
58.4669

■ 62.1401, 61.0480,
58.9611

Harmonies

Analogous

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



24.3818, 34.1675, 41.1983



25.9537, 34.1675, 55.6792



29.3123, 34.1675, 66.6585

Triad

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



25.9537, 34.1675, 55.6792



41.5759, 34.1675, 47.3804



31.1457, 34.1675, 17.1296

Complementary

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



25.9537, 34.1675, 55.6792



25.2674, 16.7835, 5.5234

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.



35.8578, 34.1675, 18.0249



25.9537, 34.1675, 55.6792



42.1865, 34.1675, 33.4740

Square

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



25.9537, 34.1675, 55.6792



38.4103, 34.1675, 61.1240



40.0067, 34.1675, 23.3457



27.1853, 34.1675, 20.5128

Rectangle

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



25.9537, 34.1675, 55.6792



32.2616, 34.1675, 69.2890



40.0067, 34.1675, 23.3457



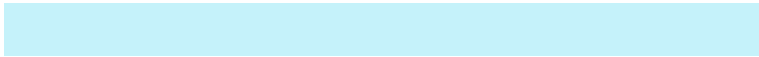
32.6897, 34.1675, 16.9607

Sweetspot

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



25.9548, 34.1688, 55.6800



72.1026, 82.2762, 102.4410



21.9406, 39.4707, 13.2465



15.0253, 17.3242, 21.9373



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.



25.9548, 34.1688, 55.6800



42.7956, 56.9796, 99.1029



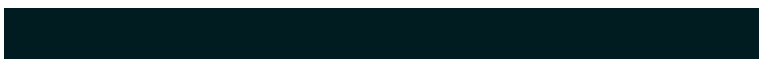
16.0826, 14.4243, 52.3893



10.2338, 11.1588, 12.8993



15.2350, 20.2265, 36.6578



0.6944, 0.9462, 1.5959

Inverse Universe

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



30.8059, 17.0495, 40.6982



52.5390, 26.5267, 68.1303



32.7626, 31.7740, 8.0218



10.4293, 10.2203, 12.3512



19.0859, 9.3241, 24.1622



0.8429, 0.4102, 1.1400

Previews

White Background



This preview shows how the XYZ color 25.9537, 34.1675, 55.6792 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 25.9537, 34.1675, 55.6792 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

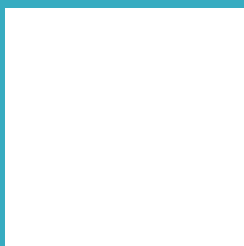
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9537, 34.1675, 55.6792

Background



This preview shows how black text looks on a background with the XYZ color 25.9537, 34.1675, 55.6792.



This preview shows how white text looks on a background with the XYZ color 25.9537, 34.1675,

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

25.9537, 34.1675, 55.6792

Protanopia

33.2809, 33.8297, 49.0317

Deuteranopia

34.3961, 33.7217, 57.5194



Tritanopia

25.2785, 34.1788, 52.2786

Trichromacy



Original Color

25.9537, 34.1675, 55.6792

Protanomaly

29.1194, 33.1677, 51.3216

Deuteranomaly

29.9111, 33.1883, 57.0540

Tritanomaly

25.5451, 34.2913, 53.4166

Monochromacy



Original Color

25.9537, 34.1675, 55.6792

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.5090, 27.8246, 36.9325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9537, 34.1675, 55.6792 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(55, 172, 193)` looks like.

```
.text, #text, p{  
    color:rgb(55, 172, 193)  
}
```

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(55, 172, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 172, 193) }
```

Border

The CSS property to change the border of an element to XYZ 25.9537, 34.1675, 55.6792 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(55, 172, 193) }
```


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

```
.border{ border-color:rgb(55, 172, 193) }
```

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

Here you see how a box with a 4 pixel rgb(55, 172, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 172, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 172, 193);  
box-shadow:4px 4px 4px 4px rgb(55, 172,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9537, 34.1675, 55.6792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 172, 193) }
```

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

```
.background{ background-color: rgb(55, 172,  
193) }
```

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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