

Converting Colors

XYZ(37.1953, 42.3377, 53.9757)

Have a look what the booklet for
XYZ(37.1953, 42.3377, 53.9757)
contains.

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Color

**XYZ(37.2524, 42.3843,
53.7945)**

Conversions

Conversions Part 1

Format	Color
Hex	92B4BC
RGB	146, 180, 188
RGB Percent	57%, 71%, 74%
CMY	0.4274, 0.2941, 0.2627
CMYK	0.22, 0.04, 0.00, 0.26
HSL	191°, 24%, 65%
HSV	191°, 22%, 74%
XYZ	37.2524, 42.3843, 53.7945
YIQ	170.7460, -22.8320, -4.7200

Conversions

Conversions Part 2

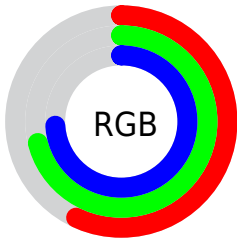
Format	Color
R_{YB}	146, 165, 188
Decimal	9614524
CIE _{Lab}	71.14, -9.67, -7.88
CIE _{LCh}	71, 12.473, 219.158
Yxy	42.3843, 0.2792, 0.3176
Android (android.graphics.Color)	4287804604 (0xFF92B4BC)
YUV	170.7460, 8.5062, -21.7022
Hunter-Lab	65.1032, -11.7920, -3.4188

Details

The XYZ color **37.2524, 42.3843, 53.7945** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.4834, 35.8781, 32.1446**, and the grayscale version is **38.5491, 40.5567, 44.1663**.

A 20% lighter version of the original color is **70.4120, 78.9401, 97.1138**, and **16.5786, 19.3077, 25.7746** is the 20% darker color. If you saturate the color by 10%, you get **33.4683, 39.3755, 53.4139**, and if you desaturate by 10%, it is **41.6073, 45.7172, 54.2090**.

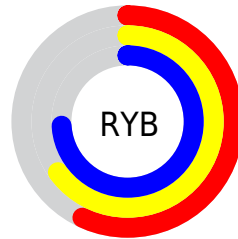
Distribution



Red (57%)

Green (71%)

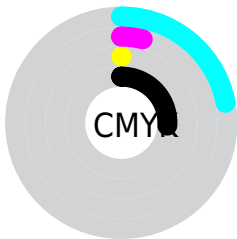
Blue (74%)



Red (57%)

Yellow (65%)

Blue (74%)

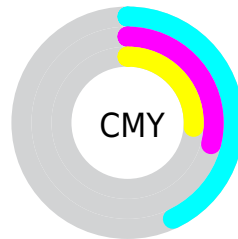


Cyan (22%)

Magenta (4%)

Yellow (0%)

Black (26%)



Cyan (43%)

Magenta (29%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2524, 42.3843, 53.7945 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 37.2524, 42.3843, 53.7945 by changing the saturation by 10% instead.

■ 37.2524, 42.3843,
53.7945

■ 37.2524, 42.3843,
53.7945

325.7386,
356.0735, 418.4783

■ 25.5775, 29.4023,
38.0453

■ 70.2721, 78.7809,
97.2258

■ 16.6389, 19.3854,
25.7158

■ 92.3477, 102.9643,
125.7450

■ 10.0711, 11.9491,
16.3873

118.6209,
131.6504, 159.3580

■ 5.5087, 6.7090,
9.6413

149.4571,
165.2234, 198.4833

■ 2.5865, 3.2808,
5.0593

185.2216,
204.0679, 243.5394

■ 0.9391, 1.2800,
2.2227

226.2797,

■ 0.0000, 0.1257,

248.5681, 294.9450

0.6875

272.9970,
299.1085, 353.1184

■ 0.0000, 0.0000,
0.0000

■ 37.2524, 42.3843,
53.7945

■ 37.2524, 42.3843,
53.7945

■ 33.4683, 39.3755,
53.4139

■ 41.6073, 45.7172,
54.2090

■ 30.2242, 36.6715,
53.0629

■ 46.5543, 49.3823,
54.6557

■ 27.4921, 34.2587,
52.7412

■ 52.1184, 53.3935,
55.1367

■ 25.2400, 32.1205,
52.4472

■ 58.3217, 57.7626,
55.6530

■ 23.4320, 30.2381,
52.1792

■ 65.1854, 62.5008,
56.2058

■ 22.0272, 28.5902,
51.9351

■ 71.3168, 66.8900,
56.7299

■ 20.9766, 27.1514,
51.7128

■ 72.1638, 68.5840,
57.0122

■ 20.3381, 26.1527,
51.5537

■ 73.0304, 70.3171,
57.3011

■ 73.9167, 72.0898,
57.5965

Harmonies

Analogous

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



36.4512, 42.3843, 48.0029



37.2524, 42.3843, 53.7945



38.8738, 42.3843, 57.7463

Triad

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



37.2524, 42.3843, 53.7945



44.1534, 42.3843, 50.3609



39.6496, 42.3843, 35.7063

Complementary

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



37.2524, 42.3843, 53.7945



37.4834, 35.8781, 32.1446

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.



41.7299, 42.3843, 36.2192



37.2524, 42.3843, 53.7945



44.3786, 42.3843, 44.3440

Square

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



37.2524, 42.3843, 53.7945



42.8728, 42.3843, 55.6481



43.4779, 42.3843, 39.2651



37.8035, 42.3843, 37.7981

Rectangle

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



37.2524, 42.3843, 53.7945



40.2260, 42.3843, 58.6227



43.4779, 42.3843, 39.2651



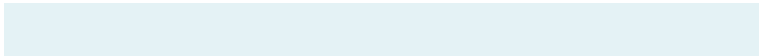
40.3440, 42.3843, 35.5840

Sweetspot

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



37.2537, 42.3860, 53.7955



79.9538, 86.2484, 98.6598



35.6459, 44.4013, 37.1335



17.0785, 18.4619, 21.2059



90.7827, 95.5105, 104.0109



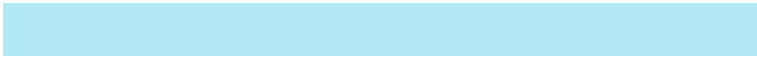
18.6292, 19.5994, 21.3438

Same Dimension

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



37.2537, 42.3860, 53.7955



63.8898, 73.9624, 97.1350



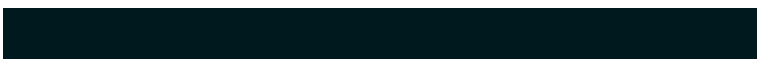
33.3818, 34.6423, 52.5048



9.6500, 10.4923, 12.1888



13.8985, 17.9088, 35.1171



0.5849, 0.7824, 1.3891

Inverse Universe

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



39.2571, 34.5454, 47.7808



68.2431, 57.3365, 83.9734



41.1997, 43.3108, 33.3834



9.8499, 9.6643, 11.5987



18.0161, 8.8376, 21.1762



0.7261, 0.3543, 0.9370

Previews

White Background



This preview shows how the XYZ color 37.2524, 42.3843, 53.7945 looks on a white background.

Color Contrast Check

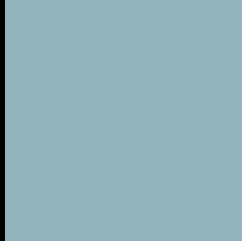
Large Text (above 18pt) WCAG AA × Fail

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 37.2524, 42.3843, 53.7945 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

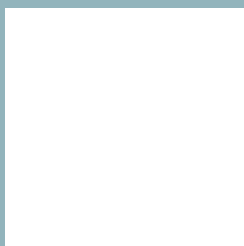
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.2524, 42.3843, 53.7945

Background



This preview shows how black text looks on a background with the XYZ color 37.2524, 42.3843, 53.7945.



This preview shows how white text looks on a background with the XYZ color 37.2524, 42.3843,

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

37.2524, 42.3843, 53.7945

Protanopia

41.0509, 42.3465, 51.3575

Deuteranopia

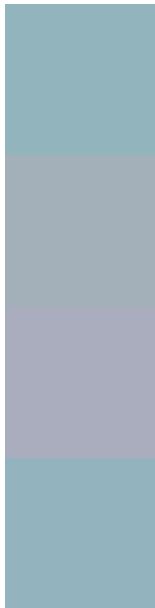
43.0107, 42.1609, 54.5862



Tritanopia

37.7784, 42.2935, 56.6244

Trichromacy



Original Color

37.2524, 42.3843, 53.7945

Protanomaly

39.5921, 42.4460, 52.0051

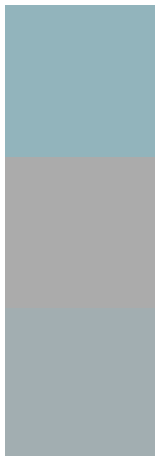
Deuteranomaly

40.7064, 42.1073, 54.1262

Tritanomaly

37.5567, 42.2048, 55.4571

Monochromacy



Original Color

37.2524, 42.3843, 53.7945

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.9722, 41.1278, 47.5321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2524, 42.3843, 53.7945 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(146, 180, 188)` looks like.

```
.text, #text, p{  
    color:rgb(146, 180, 188)  
}
```

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(146, 180, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 180, 188) }
```

Border

The CSS property to change the border of an element to XYZ 37.2524, 42.3843, 53.7945 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(146, 180, 188) }
```


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

```
.border{ border-color:rgb(146, 180, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 180, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 180, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 180, 188);  
box-shadow:4px 4px 4px 4px rgb(146, 180,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2524, 42.3843, 53.7945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 180, 188) }
```

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

```
.background{ background-color: rgb(146,  
180, 188) }
```

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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