

Converting Colors

XYZ(36.6728, 42.0901, 53.6362)

Have a look what the booklet for
XYZ(36.6728, 42.0901, 53.6362)
contains.

XYZ(36.7261, 42.1130, 53.7699)	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(36.7261, 42.1130,
53.7699)**

Conversions

Conversions Part 1

Format	Color
Hex	8FB4BC
RGB	143, 180, 188
RGB Percent	56%, 71%, 74%
CMY	0.4392, 0.2941, 0.2627
CMYK	0.24, 0.04, 0.00, 0.26
HSL	191°, 25%, 65%
HSV	191°, 24%, 74%
XYZ	36.7261, 42.1130, 53.7699
YIQ	169.8490, -24.6200, -5.3560

Conversions

Conversions Part 2

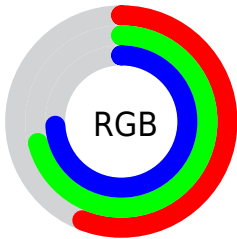
Format	Color
RYB	143, 163, 188
Decimal	9417916
CIELab	70.95, -10.60, -8.17
CIELCh	71, 13.385, 217.635
Yxy	42.1130, 0.2770, 0.3176
Android (android.graphics.Color)	4287607996 (0xFF8FB4BC)
YUV	169.8490, 8.9484, -23.5466
Hunter-Lab	64.8945, -12.5460, -3.7000

Details

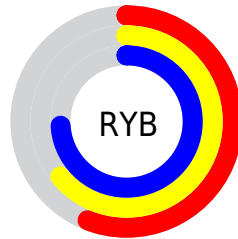
The XYZ color **36.7261, 42.1130, 53.7699** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.7641, 34.8081, 30.7686**, and the grayscale version is **38.0999, 40.0841, 43.6516**.

A 20% lighter version of the original color is **69.6133, 78.5283, 97.0764**, and **16.2769, 19.1522, 25.7605** is the 20% darker color. If you saturate the color by 10%, you get **33.0742, 39.2421, 53.4089**, and if you desaturate by 10%, it is **40.9422, 45.3011, 54.1637**.

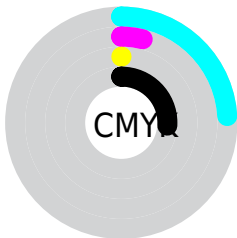
Distribution



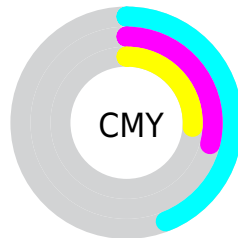
- Red (56%)
- Green (71%)
- Blue (74%)



- Red (56%)
- Yellow (64%)
- Blue (74%)



- Cyan (24%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)



- Cyan (44%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.7261, 42.1130, 53.7699 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 36.7261, 42.1130, 53.7699 by changing the saturation by 10% instead.

■ 36.7261, 42.1130,
53.7699

■ 36.7261, 42.1130,
53.7699

■ 323.4993,
354.9512, 418.3817

■ 25.1682, 29.1898,
38.0258

■ 69.4679, 78.3706,
97.1893

■ 16.3318, 19.2244,
25.7007

■ 91.3825, 102.4738,
125.7017

■ 9.8516, 11.8326,
16.3761

■ 117.4800,
131.0724, 159.3073

■ 5.3622, 6.6298,
9.6335

■ 148.1259,
164.5509, 198.4246

■ 2.4982, 3.2317,
5.0542

■ 183.6854,
203.2936, 243.4721

■ 0.8944, 1.2538,
2.2198

■ 224.5239,

■ 0.0000, 0.1050,

247.6850, 294.8685

0.6858

271.0067,
298.1094, 353.0322

■ 0.0000, 0.0000,
0.0000

■ 36.7261, 42.1130,
53.7699

■ 36.7261, 42.1130,
53.7699

■ 33.0742, 39.2421,
53.4089

■ 40.9422, 45.3011,
54.1637

■ 29.9555, 36.6689,
53.0766

■ 45.7441, 48.8144,
54.5888

■ 27.3415, 34.3798,
52.7725

■ 51.1569, 52.6671,
55.0472

■ 25.1998, 32.3577,
52.4951

■ 57.2031, 56.8710,
55.5399

■ 23.4939, 30.5838,
52.2426

■ 63.9039, 61.4371,
56.0681

■ 22.1816, 29.0361,
52.0131

■ 70.9835, 66.2235,
56.6188

■ 21.2124, 27.6883,
51.8040

■ 71.7661, 67.7887,
56.8797

■ 20.7300, 26.9365,
51.6843

■ 72.5658, 69.3880,
57.1462

■ 73.3826, 71.0216,
57.4185

Harmonies

Analogous

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



35.9253, 42.1130, 47.5050



36.7261, 42.1130, 53.7699



38.4174, 42.1130, 58.1757

Triad

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



36.7261, 42.1130, 53.7699



44.1255, 42.1130, 50.6880



39.4601, 42.1130, 34.7262

Complementary

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



36.7261, 42.1130, 53.7699



36.7641, 34.8081, 30.7686

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.



41.6813, 42.1130, 35.4078



36.7261, 42.1130, 53.7699



44.4299, 42.1130, 44.2415

Square

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



36.7261, 42.1130, 53.7699



42.7033, 42.1130, 56.2843



43.5203, 42.1130, 38.7556



37.4652, 42.1130, 36.7990

Rectangle

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



36.7261, 42.1130, 53.7699



39.8504, 42.1130, 59.2528



43.5203, 42.1130, 38.7556



40.2044, 42.1130, 34.6445

Sweetspot

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



36.7273, 42.1147, 53.7709



80.0184, 86.3776, 98.6813



34.8572, 44.0251, 35.7272



17.0935, 18.4920, 21.2110



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.



36.7273, 42.1147, 53.7709



62.7717, 73.3730, 97.0802



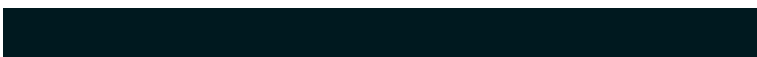
32.6326, 33.9252, 52.4059



9.6604, 10.5132, 12.1923



14.1629, 18.4375, 35.2052



0.5932, 0.7990, 1.3918

Inverse Universe

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



38.8008, 33.6327, 47.6286



67.2769, 55.4111, 83.6294



40.6414, 42.5626, 32.0610



9.8552, 9.6664, 11.6265



18.1495, 8.8910, 21.8788



0.7303, 0.3560, 0.9591

Previews

White Background



This preview shows how the XYZ color 36.7261, 42.1130, 53.7699 looks on a white background.

Color Contrast Check

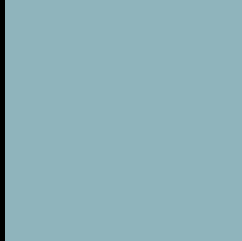
Large Text (above 18pt) WCAG AA × Fail

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 36.7261, 42.1130, 53.7699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

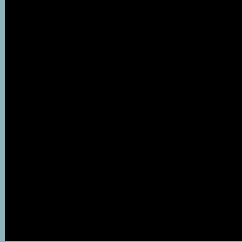
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.7261, 42.1130, 53.7699

Background



This preview shows how black text looks on a background with the XYZ color 36.7261, 42.1130, 53.7699.



This preview shows how white text looks on a background with the XYZ color 36.7261, 42.1130,

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

36.7261, 42.1130, 53.7699

Protanopia

40.5333, 41.8082, 50.7332

Deuteranopia

42.5883, 41.6681, 54.5133



Tritanopia

37.2473, 42.0197, 56.5996

Trichromacy



Original Color

36.7261, 42.1130, 53.7699

Protanomaly

38.9872, 41.8441, 51.9208

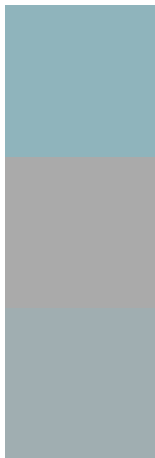
Deuteranomaly

40.0863, 41.5040, 54.0424

Tritanomaly

37.0257, 41.9311, 55.4323

Monochromacy



Original Color

36.7261, 42.1130, 53.7699

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.5691, 40.9200, 47.5132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7261, 42.1130, 53.7699 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(143, 180, 188)` looks like.

```
.text, #text, p{  
    color:rgb(143, 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(143, 180, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 180, 188) }
```

Border

The CSS property to change the border of an element to XYZ 36.7261, 42.1130, 53.7699 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(143, 180, 188) }
```


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

```
.border{ border-color:rgb(143, 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(143, 180, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 180, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 180, 188);  
box-shadow:4px 4px 4px 4px rgb(143, 180,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7261, 42.1130, 53.7699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 180, 188) }
```

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

```
.background{ background-color: rgb(143,  
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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