

Converting Colors

XYZ(32.6261, 41.4595, 53.2394)

Have a look what the booklet for
XYZ(32.6261, 41.4595, 53.2394)
contains.

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Color

**XYZ(32.7490, 41.6008,
53.3174)**

Conversions

Conversions Part 1

Format	Color
Hex	6EB9BB
RGB	110, 185, 187
RGB Percent	43%, 73%, 73%
CMY	0.5686, 0.2745, 0.2667
CMYK	0.41, 0.01, 0.00, 0.27
HSL	182°, 36%, 58%
HSV	182°, 41%, 73%
XYZ	32.7490, 41.6008, 53.3174
YIQ	162.8030, -45.3420, -15.2780

Conversions

Conversions Part 2

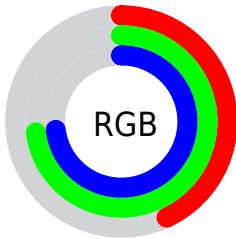
Format	Color
RYB	110, 148, 187
Decimal	7256507
CIELab	70.59, -22.73, -8.34
CIElCh	71, 24.207, 200.150
Yxy	41.6008, 0.2565, 0.3259
Android (android.graphics.Color)	4285446587 (0xFF6EB9BB)
YUV	162.8030, 11.9291, -46.3082
Hunter-Lab	64.4987, -22.2399, -3.8626

Details

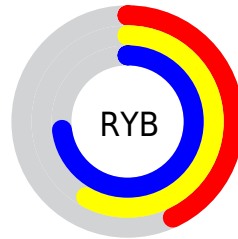
The XYZ color **32.7490, 41.6008, 53.3174** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.1028, 23.2794, 17.7122**, and the grayscale version is **34.6817, 36.4879, 39.7353**.

A 20% lighter version of the original color is **63.1500, 77.3810, 96.4017**, and **14.0757, 19.0080, 25.4813** is the 20% darker color. If you saturate the color by 10%, you get **30.5624, 40.3241, 53.1869**, and if you desaturate by 10%, it is **35.4294, 43.1345, 53.4729**.

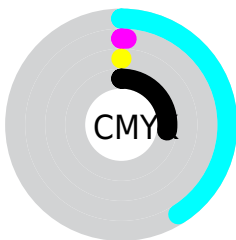
Distribution



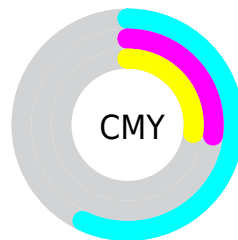
- Red (43%)
- Green (73%)
- Blue (73%)



- Red (43%)
- Yellow (58%)
- Blue (73%)



- Cyan (41%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)



- Cyan (57%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7490, 41.6008, 53.3174 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 32.7490, 41.6008, 53.3174 by changing the saturation by 10% instead.

■ 32.7490, 41.6008,
53.3174

■ 32.7490, 41.6008,
53.3174

306.2022,
352.8254, 416.6025

■ 22.0925, 28.7888,
37.6668

■ 63.3408, 77.5951,
96.5175

■ 14.0419, 18.9211,
25.4243

■ 84.0068, 101.5462,
124.9041

■ 8.2317, 11.6133,
16.1716

■ 108.7400,
129.9792, 158.3730

■ 4.2966, 6.4810,
9.4900

137.9059,
163.2784, 197.3429

■ 1.8713, 3.1397,
4.9610

171.8697,
201.8282, 242.2322

■ 0.5601, 1.2051,
2.1660

210.9967,

■ 0.0000, 0.0658,

246.0131, 293.4596

0.6547

255.6525,
296.2173, 351.4435

■ 0.0000, 0.0000,
0.0000

■ 32.7490, 41.6008,
53.3174

■ 32.7490, 41.6008,
53.3174

■ 30.5624, 40.3241,
53.1869

■ 35.4294, 43.1345,
53.4729

■ 28.8348, 39.2836,
53.0772

■ 38.6283, 44.9351,
53.6518

■ 27.5326, 38.4628,
52.9874

■ 42.3731, 47.0176,
53.8564

■ 26.6162, 37.8415,
52.9157

■ 46.6885, 49.3948,
54.0878

■ 26.0386, 37.3954,
52.8601

■ 51.5974, 52.0784,
54.3471

■ 25.7283, 37.1049,
52.8204

■ 57.1215, 55.0797,
54.6352

■ 63.2814, 58.4094,
54.9533

■ 68.3827, 61.1937,
55.2218

■ 68.4871, 61.4027,
55.2566

Harmonies

Analogous

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



32.4348, 41.6008, 41.6306



32.7490, 41.6008, 53.3174



34.8128, 41.6008, 64.4034

Triad

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



32.7490, 41.6008, 53.3174



45.7453, 41.6008, 60.9315



40.8710, 41.6008, 26.8719

Complementary

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



32.7490, 41.6008, 53.3174



29.1028, 23.2794, 17.7122

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.



44.6775, 41.6008, 30.3998



32.7490, 41.6008, 53.3174



47.6145, 41.6008, 49.1708

Square

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



32.7490, 41.6008, 53.3174



42.2500, 41.6008, 69.2877



47.2110, 41.6008, 38.1227



36.9491, 41.6008, 27.6012

Rectangle

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



32.7490, 41.6008, 53.3174



36.9852, 41.6008, 69.3400



47.2110, 41.6008, 38.1227



42.2105, 41.6008, 27.5729

Sweetspot

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



32.7502, 41.6024, 53.3184



75.1596, 83.8034, 96.4157



27.0864, 40.0104, 21.4169



16.3485, 18.3425, 21.2214



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.



32.7502, 41.6024, 53.3184



55.2278, 72.5098, 95.2864



25.8684, 27.8387, 51.0244



9.7868, 10.7659, 12.2344



17.7354, 25.5825, 36.3961



0.7015, 1.0156, 1.4279

Inverse Universe

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



34.8274, 25.2204, 48.9332



59.4600, 39.4657, 86.2768



34.1806, 33.4351, 19.4049



9.9190, 9.6919, 11.9624



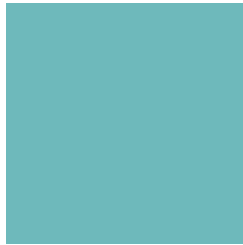
19.9528, 9.6123, 31.3746



0.7850, 0.3779, 1.2469

Previews

White Background



This preview shows how the XYZ color 32.7490, 41.6008, 53.3174 looks on a white background.

Color Contrast Check

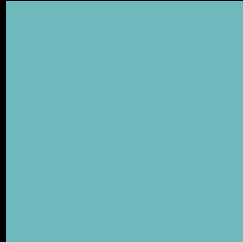
Large Text (above 18pt) WCAG AA × Fail

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 32.7490, 41.6008, 53.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

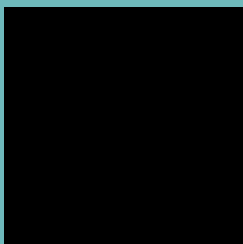
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

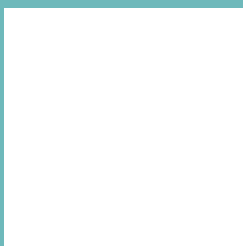
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7490, 41.6008, 53.3174

Background



This preview shows how black text looks on a background with the XYZ color 32.7490, 41.6008, 53.3174.

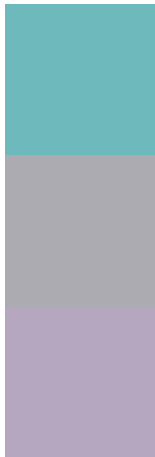


This preview shows how white text looks on a background with the XYZ color 32.7490, 41.6008,

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

32.7490, 41.6008, 53.3174

Protanopia

39.8324, 41.2244, 47.9772

Deuteranopia

42.0451, 41.1023, 55.0077



Tritanopia

33.9366, 41.4549, 59.6390

Trichromacy



Original Color

32.7490, 41.6008, 53.3174

Protanomaly

36.4435, 40.8709, 49.6842

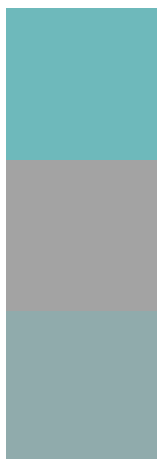
Deuteranomaly

37.9479, 40.9584, 54.6209

Tritanomaly

33.5602, 41.6208, 57.3037

Monochromacy



Original Color

32.7490, 41.6008, 53.3174

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.5109, 38.0337, 44.6047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7490, 41.6008, 53.3174 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(110, 185, 187)` looks like.

```
.text, #text, p{  
    color:rgb(110, 185, 187)  
}
```

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(110, 185, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 185, 187) }
```

Border

The CSS property to change the border of an element to XYZ 32.7490, 41.6008, 53.3174 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(110, 185, 187) }
```


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

```
.border{ border-color:rgb(110, 185, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 185, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 185, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 185, 187);  
box-shadow:4px 4px 4px 4px rgb(110, 185,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7490, 41.6008, 53.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 185, 187) }
```

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

```
.background{ background-color: rgb(110,  
185, 187) }
```

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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