

Converting Colors

XYZ(32.6789, 33.6713, 53.4920)

Have a look what the booklet for
XYZ(32.6789, 33.6713, 53.4920)
contains.

XYZ(32.6789, 33.6713, 53.4920)	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(32.6789, 33.6713,
53.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9DBE
RGB	143, 157, 190
RGB Percent	56%, 62%, 75%
CMY	0.4392, 0.3843, 0.2549
CMYK	0.25, 0.17, 0.00, 0.25
HSL	222°, 27%, 65%
HSV	222°, 25%, 75%
XYZ	32.6789, 33.6713, 53.4920
YIQ	156.5760, -18.9370, 7.2950

Conversions

Conversions Part 2

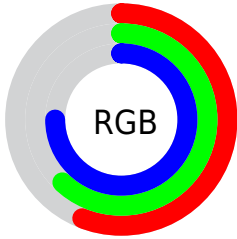
Format	Color
RYB	143, 154, 190
Decimal	9412030
CIELab	64.70, 2.43, -18.67
CIElCh	65, 18.830, 277.414
Yxy	33.6713, 0.2727, 0.2810
Android (android.graphics.Color)	4287602110 (0xFF8F9DBE)
YUV	156.5760, 16.4780, -11.9062
Hunter-Lab	58.0270, -1.0218, -14.0374

Details

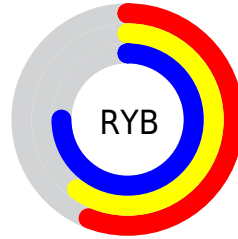
The XYZ color **32.6789, 33.6713, 53.4920** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.7188, 43.9810, 32.2778**, and the grayscale version is **31.7929, 33.4486, 36.4255**.

A 20% lighter version of the original color is **62.9548, 65.1127, 96.4387**, and **14.0830, 14.3895, 25.7021** is the 20% darker color. If you saturate the color by 10%, you get **27.5292, 27.8477, 52.6399**, and if you desaturate by 10%, it is **38.6342, 40.2777, 54.4538**.

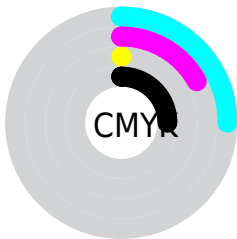
Distribution



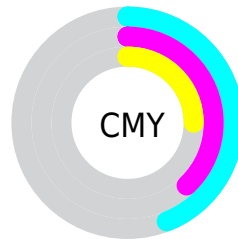
- Red (56%)
- Green (62%)
- Blue (75%)



- Red (56%)
- Yellow (60%)
- Blue (75%)



- Cyan (25%)
- Magenta (17%)
- Yellow (0%)
- Black (25%)



- Cyan (44%)
- Magenta (38%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6789, 33.6713, 53.4920 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 32.6789, 33.6713, 53.4920 by changing the saturation by 10% instead.

■ 32.6789, 33.6713,
53.4920

■ 32.6789, 33.6713,
53.4920

305.8910,
318.6639, 417.2896

■ 22.0386, 22.6412,
37.8053

■ 63.2319, 65.4222,
96.7768

■ 14.0021, 14.3288,
25.5309

■ 83.8754, 86.9118,
125.2120

■ 8.2038, 8.3497,
16.2504

108.5840,
112.6566, 158.7337

■ 4.2785, 4.3195,
9.5453

137.7230,
143.0411, 197.7605

■ 1.8609, 1.8539,
4.9969

171.6579,
178.4497, 242.7110

■ 0.5539, 0.5204,
2.1867

210.7539,

■ 0.0000, 0.0000,

219.2668, 294.0036

0.6667

255.3765,
265.8767, 352.0570

■ 0.0000, 0.0000,
0.0000

■ 32.6789, 33.6713,
53.4920

■ 32.6789, 33.6713,
53.4920

■ 27.5292, 27.8477,
52.6399

■ 38.6342, 40.2777,
54.4538

■ 23.1460, 22.7726,
51.8913

■ 45.4257, 47.6912,
55.5268

■ 19.4917, 18.4151,
51.2429

■ 53.0859, 55.9403,
56.7154

■ 16.5238, 14.7402,
50.6900

■ 61.6448, 65.0507,
58.0227

■ 14.1952, 11.7099,
50.2278

■ 71.1309, 75.0469,
59.4522

■ 12.4525, 9.2818,
49.8510

■ 80.8308, 85.5706,
60.9723

■ 11.2319, 7.4069,
49.5534

■ 84.8389, 93.5867,
62.3083

■ 10.7379, 6.6049,
49.4246

■ 86.2944, 96.4977,
62.7934

Harmonies

Analogous

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



30.0486, 33.6713, 52.1942



32.6789, 33.6713, 53.4920



35.2663, 33.6713, 49.8010

Triad

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



32.6789, 33.6713, 53.4920



36.3116, 33.6713, 28.3420



27.4407, 33.6713, 31.2375

Complementary

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



32.6789, 33.6713, 53.4920



41.7188, 43.9810, 32.2778

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.



28.9486, 33.6713, 26.0652



32.6789, 33.6713, 53.4920



34.0415, 33.6713, 24.5649

Square

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



32.6789, 33.6713, 53.4920



37.4390, 33.6713, 34.7750



31.3376, 33.6713, 23.7943



27.1214, 33.6713, 38.6167

Rectangle

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



32.6789, 33.6713, 53.4920



36.5855, 33.6713, 45.2772



31.3376, 33.6713, 23.7943



27.8211, 33.6713, 29.2160

Sweetspot

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



32.6800, 33.6727, 53.4928



79.2509, 83.0935, 100.1408



37.5684, 45.7978, 47.8829



17.2331, 18.0619, 21.9633



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.



32.6800, 33.6727, 53.4928



53.6797, 54.7807, 96.0236



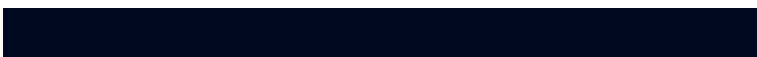
32.1414, 30.0775, 52.8272



9.2420, 9.6763, 12.0528



7.2007, 4.5130, 32.8845



0.3410, 0.2947, 1.3078

Inverse Universe

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



37.1443, 33.0273, 36.3170



63.3315, 53.7321, 58.8122



42.3344, 48.5861, 33.1342



9.6440, 9.5819, 10.5143



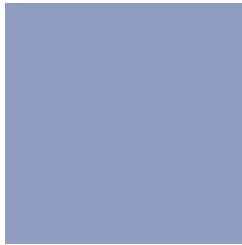
14.6353, 7.4853, 3.3733



0.6030, 0.3051, 0.2889

Previews

White Background



This preview shows how the XYZ color 32.6789, 33.6713, 53.4920 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 32.6789, 33.6713, 53.4920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

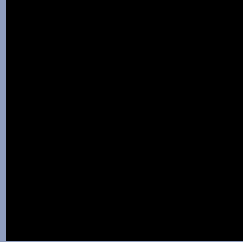
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6789, 33.6713, 53.4920

Background



This preview shows how black text looks on a background with the XYZ color 32.6789, 33.6713, 53.4920.

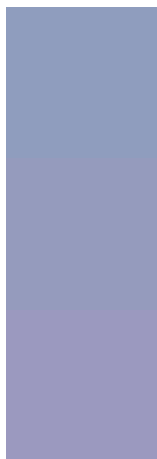


This preview shows how white text looks on a background with the XYZ color 32.6789, 33.6713,

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

32.6789, 33.6713, 53.4920

Protanopia

33.3011, 33.5064, 52.8563

Deuteranopia

34.3128, 33.5126, 53.9503



Tritanopia

30.9288, 33.7342, 44.4164

Trichromacy



Original Color

32.6789, 33.6713, 53.4920

Protanomaly

33.1064, 33.6541, 52.8951

Deuteranomaly

33.7221, 33.4521, 53.9698

Tritanomaly

31.5193, 33.7137, 47.4940

Monochromacy



Original Color

32.6789, 33.6713, 53.4920

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.1673, 33.6539, 42.3366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6789, 33.6713, 53.4920 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, 157, 190)` looks like.

```
.text, #text, p{  
    color:rgb(143, 157, 190)  
}
```

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, 157, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 157, 190) }
```

Border

The CSS property to change the border of an element to XYZ 32.6789, 33.6713, 53.4920 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, 157, 190) }
```


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

```
.border{ border-color:rgb(143, 157, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 157, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 157, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 157, 190);  
box-shadow:4px 4px 4px 4px rgb(143, 157,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6789, 33.6713, 53.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 157, 190) }
```

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

```
.background{ background-color: rgb(143,  
157, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor