

Converting Colors

XYZ(20.9210, 24.2178, 54.2550)

Have a look what the booklet for
XYZ(20.9210, 24.2178, 54.2550)
contains.

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Color

**XYZ(20.9163, 24.2521,
54.0308)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 358FC1 |
| RGB | 53, 143, 193 |
| RGB Percent | 21%, 56%, 76% |
| CMY | 0.7921, 0.4392, 0.2431 |
| CMYK | 0.73, 0.26, 0.00, 0.24 |
| HSL | 201°, 57%, 48% |
| HSV | 201°, 73%, 76% |
| XYZ | 20.9163, 24.2521, 54.0308 |
| YIQ | 121.7900, -69.6900, -3.5300 |

Conversions

Conversions Part 2

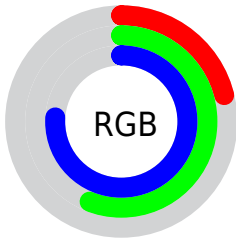
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 53, 108, 193 |
| Decimal | 3510209 |
| CIE _{Lab} | 56.34, -9.94, -33.62 |
| CIE _{LCh} | 56, 35.055, 253.531 |
| Yxy | 24.2521, 0.2109, 0.2445 |
| Android (android.graphics.Color) | 4281700289 (0xFF358FC1) |
| YUV | 121.7900, 35.1065, -60.3288 |
| Hunter-Lab | 49.2464, -10.3674, -30.5776 |

Details

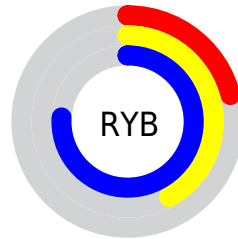
The XYZ color **20.9163, 24.2521, 54.0308** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **27.4864, 21.2967, 6.0312**, and the grayscale version is **18.3369, 19.2919, 21.0089**.

A 20% lighter version of the original color is **44.5577, 50.6165, 97.8640**, and **8.5746, 9.6928, 25.8451** is the 20% darker color. If you saturate the color by 10%, you get **19.0954, 21.8244, 53.6587**, and if you desaturate by 10%, it is **23.2109, 27.0192, 54.4444**.

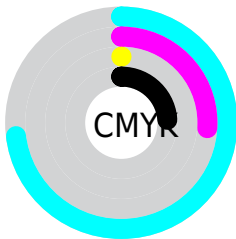
Distribution



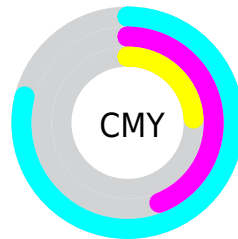
- Red (21%)
- Green (56%)
- Blue (76%)



- Red (21%)
- Yellow (42%)
- Blue (76%)



- Cyan (73%)
- Magenta (26%)
- Yellow (0%)
- Black (24%)



- Cyan (79%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9163, 24.2521, 54.0308 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 20.9163, 24.2521, 54.0308 by changing the saturation by 10% instead.

■ 20.9163, 24.2521,
54.0308

■ 20.9163, 24.2521,
54.0308

249.5735,
274.0925, 419.4054

■ 13.1749, 15.5207,
38.2329

■ 44.4405, 50.4413,
97.5763

■ 7.6270, 9.1857,
25.8603

■ 60.9541, 68.6679,
126.1611

■ 3.9070, 4.8625,
16.4943

■ 81.1225, 90.8284,
159.8452

■ 1.6496, 2.1668,
9.7165

■ 105.3110,
117.3071, 199.0472

■ 0.4244, 0.7018,
5.1083

■ 133.8850,
148.4885, 244.1857

■ 0.0000, 0.0000,
2.2511

167.2098,

■ 0.0000, 0.0000,

184.7569, 295.6792

0.7036

205.6509,
226.4968, 353.9463

■ 0.0000, 0.0000,
0.0000

■ 20.9163, 24.2521,
54.0308

■ 20.9163, 24.2521,
54.0308

■ 19.0954, 21.8244,
53.6587

■ 23.2109, 27.0192,
54.4444

■ 17.6919, 19.7044,
53.3234

■ 26.0216, 30.1479,
54.9002

■ 16.8421, 18.2830,
53.0939

■ 29.3884, 33.6609,
55.4009

■ 33.3465, 37.5780,
55.9483

■ 37.9280, 41.9172,
56.5444

■ 43.1626, 46.6953,
57.1908

■ 49.0780, 51.9280,
57.8890

■ 55.7002, 57.6302,
58.6406

■ 63.0537, 63.8159,
59.4470

Harmonies

Analogous

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



17.8613, 24.2521, 44.9020



20.9163, 24.2521, 54.0308



24.9181, 24.2521, 54.5085

Triad

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



20.9163, 24.2521, 54.0308



31.4660, 24.2521, 21.5320



18.1002, 24.2521, 13.3297

Complementary

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



20.9163, 24.2521, 54.0308



27.4864, 21.2967, 6.0312

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.



21.2793, 24.2521, 10.1354



20.9163, 24.2521, 54.0308



29.1594, 24.2521, 13.8481

Square

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



20.9163, 24.2521, 54.0308



31.3392, 24.2521, 33.2351



25.3260, 24.2521, 10.2923



16.3702, 24.2521, 20.5837

Rectangle

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



20.9163, 24.2521, 54.0308



27.6176, 24.2521, 49.6551



25.3260, 24.2521, 10.2923



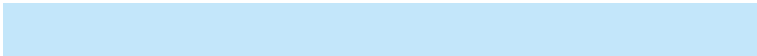
19.0175, 24.2521, 11.8549

Sweetspot

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



20.9172, 24.2529, 54.0314



68.0956, 75.2284, 101.2918



22.9374, 39.8569, 19.0562



14.1024, 15.6665, 21.6659



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.



20.9172, 24.2529, 54.0314



32.6506, 36.8110, 95.7446



13.5437, 9.5060, 51.5736



10.0561, 10.8036, 12.8401



11.2796, 12.3158, 35.3393



0.5505, 0.6585, 1.5480

Inverse Universe

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



28.2241, 15.8678, 27.5626



47.3886, 24.3531, 41.3586



37.3883, 41.1005, 9.3319



10.3396, 10.1845, 11.8790



17.0894, 8.5255, 13.6488



0.7703, 0.3811, 0.7576

Previews

White Background



This preview shows how the XYZ color 20.9163, 24.2521, 54.0308 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9163, 24.2521, 54.0308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

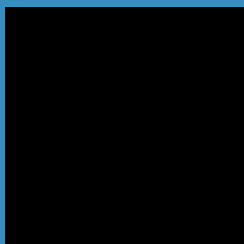
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

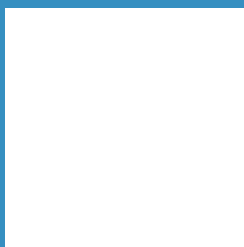
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.9163, 24.2521, 54.0308

Background



This preview shows how black text looks on a background with the XYZ color 20.9163, 24.2521, 54.0308.

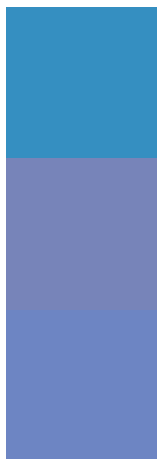


This preview shows how white text looks on a background with the XYZ color 20.9163, 24.2521,

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

20.9163, 24.2521, 54.0308

Protanopia

24.6160, 23.9272, 49.2200

Deuteranopia

24.5445, 23.9664, 54.9621



Tritanopia

17.5572, 24.2623, 37.4759

Trichromacy



Original Color

20.9163, 24.2521, 54.0308

Protanomaly

22.6006, 23.6721, 50.9549

Deuteranomaly

22.8031, 23.9102, 54.4522

Tritanomaly

18.6697, 24.2419, 43.2303

Monochromacy



Original Color

20.9163, 24.2521, 54.0308

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.2577, 20.6448, 31.0395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9163, 24.2521, 54.0308 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(53, 143, 193)` looks like.

```
.text, #text, p{  
    color:rgb(53, 143, 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(53, 143, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 143, 193) }
```

Border

The CSS property to change the border of an element to XYZ 20.9163, 24.2521, 54.0308 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(53, 143, 193) }
```


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

```
.border{ border-color:rgb(53, 143, 193) }
```

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

Here you see how a box with a 4 pixel rgb(53, 143, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 143, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 143, 193);  
box-shadow:4px 4px 4px 4px rgb(53, 143,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9163, 24.2521, 54.0308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 143, 193) }
```

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

```
.background{ background-color: rgb(53, 143,  
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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